100% AUSTRALIAN

AUSTRALIAN

PC USER

OCTOBER 1997
AUST $6.95 NZ $7.95 (incl. GST)

CD-ROM included!
Win hot speakers & 17in monitor

Australia's top-selling PC magazine for the home, small office and school

Home office heaven

The best PC

The best printer

The best scanner

. . . and the best software for your home office

AUSTRALIAN PC USER OFFLINE

OCTOBER 1997

Essential tools for home & business

Over 600 Megabytes!
The easiest way to try software
See your newsagent for your free disc

Trial software: Lotus Organizer 97, WinFax PRO 8.0, ClarisWorks Office 4.0, ixla Photo Scanner Suite. **Templates:** Corel WordPerfect Suite 8.0, ClarisWorks, Sidekick 97. **Microsoft Office 97 add-on pack:** Word Web Authoring Update, Internet Lookup and Avery Wizard, Excel Internet Assistant Update, new AutoShapes, MS Draw 97, Access Snapshot viewer and more. **Windows shareware:** Billing Manager Pro, Business Plan Master, TimeWizard95, Vault, DirVault, EZ-Forms Lite, Notes, SuperMail 2.0, Klick-N-View Business Cards, SyTools32, Brainstormer95, Vulcan FinanceCalc 97, VistaCalc, The Raven, Balance, Prompter, DecideRight, Weights and Measures, Labels, Cards and More.

Exclusive PC User files: Weekly Planner, Debt Tracker, Web tutorials. Scanner tests: See the results for yourself!

PLUS

Playable game demos: Ignition, Dungeon Keeper, International Rally Championship, Comanche 3, Panzer General II, Shadows of the Empire, Constructor, Rocket Raid, GAG, plus Broken Sword preview. **Education samplers:** ColourForms — Sailor Moon and the Sailor Scouts, Talking Spelling, The Yukon Trail, Great Word Adventure, The Adventures of Sci-Man.

Internet software: Telstra Big Pond and Giganet ISP access kits, plus latest versions of Netscape, Internet Explorer, Shockwave and RealPlayer plug-ins, and more. **Utilities:** Thunderbyte 8.01, Anti-Viral Toolkit Pro, WinZip 6.2 and more. **Updates:** Direct-x 5.0, SmartSuite 97, Internet Explorer Authenticode, plus OpenDOS operating system and much more!

* See page 3 of this month's PC User for more details.

ALSO INSIDE:

- Easy D-I-Y productivity tools
- Role-playing games compared
- History software reviewed
- Second-hand price guide

10
9 313006 001416

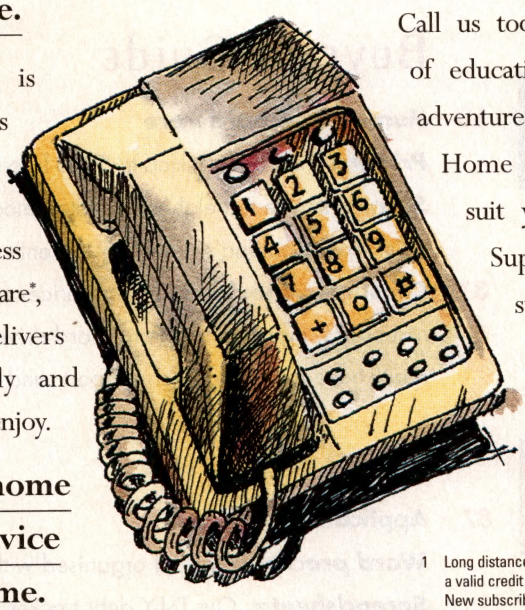
Got lost on your way to the Internet? We'll show you the way.

So you've got the computer, bought a modem, read the books and fiddled with the software but you're still having trouble getting onto the Internet.

Give up? Start again? Change provider? What's next? You need a guide you can trust and rely on, someone to show you the way.

Telstra Big Pond Home is an Internet service that's as simple to use as the telephone.

After all, the Internet is simply a network of computers all over the world linked by the telephone, sharing information. With our high-speed, easy access network and simple-to-use software*, Telstra Big Pond Home delivers the Internet easily, accessibly and inexpensively, ready for you to enjoy.



With Telstra Big Pond home you get First Class service without leaving home.

Guidance is never far away with Telstra Big Pond Home. No matter what the problem, you can reach our **Customer Support Centre** seven days a week simply by calling **131 282** or sales support on FREECALL™ 1800 804 282. A good guide will never leave you in the lurch.

Connect quickly and easily with Telstra Big Pond Home and enjoy our FREE[1] trial offer.

For new users we offer a "try before you buy" option. There are no sign-up or registration fees and you get up to 8 hours FREE[1] access in your first month. All the software you need to connect* is on the CD-ROM on the cover of this magazine.

It's so easy to install, and free customer support is available seven days a week. As a member you also get an **email address** and a **home page** on the World Wide Web so you can introduce yourself to the world at no extra charge!

Connect today and talk to the world from as little as $1.67† per hour plus the cost of a phone call.

Call us today and we'll guide you to a world of education, information, entertainment and adventure. *That's the Internet.* Telstra Big Pond Home offers a range of pricing plans to suit your individual needs plus Customer Support that's redefining the industry standard. So don't be confused. Talk to someone who knows the territory. **Connect to Big Pond Home today. We'll show you the way.**

1 Long distance or community call charges may apply. Registration requires a valid credit card. Unused time is not rolled over into the following month. New subscribers only. Offer valid until Dec 31, 1997.

† Refers to "Power Plan" - $50 per month which includes 30 hours of access. Additional hours are charged at $3.50 per hour. Long distance or community call charges may apply. Unused time each month is not rolled over into the following month.

* Software is available for Win 3.x and Win 95 (CD-ROM and 3.5" disks) and Power PC Macintosh (CD-ROM only).

™ Registered trade mark of Telstra Corporation Ltd. Calls from mobile phones are charged at the applicable mobile rate.

Telstra Big Pond Home is operated by On Australia Pty Ltd, a wholly owned subsidiary of Telstra Corporation Ltd. Telstra Big Pond is a trade mark of Telstra Corporation Ltd.

Telstra BIG POND™ Home

1800 804 282

We'll show you the way.

POLY2452/PC

Cover design:
Michèle Heibel
Photography:
Sarah Callister

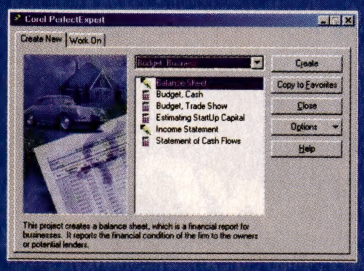
Main cover story:

10 We compare the latest sub-$800 printers and scanners, and award the Top 5 value PCs.

65 We review office suites, works packages, PIMs, financial and communications software, and the best shareware applications for your home office.

Other cover stories:

31 Second-hand price guide.
33 Role-playing games compared.
87 Do-it-yourself planner, debt tracker and cover page.
School PC 2 History software and sites reviewed.



Look out Microsoft! Corel has finally got it together with WordPerfect Suite 8.0.
See page 65.

CONTENTS

Volume 9 Number 10 October 1997

LOGIN

6 **Inbox:** Readers have their say on all sorts of topics.

BUYER'S GUIDE

10 **Home office hardware**
Printers: From $400 inkjets to $800 lasers, we find `best buys' for every budget.
Scanners: We test eight of the latest models and pick the bargains.
PCs: How Compaq's new $2500 Pentium compares with our Top 5 PCs.
31 **Consumer Enquirer:** The real prices for second-hand PCs, printers, notebooks, monitors, modems, hard drives and processors. Plus how long you *really* have to wait for tech support, and more.

USER'S GUIDE

87 **Applications**
Word processing: Get organised with this easy to create weekly planner.
Spreadsheets: Our D-I-Y debt tracker will maximise your cash flow.
Document design: Make a good impression with our cool cover page.
Web Workshop: Tips to avoid common Web design bloopers.
95 **Operating systems**
Windows 95: How to set up DOS mouse drivers in Windows 95.
DOS/Windows 3.11: OpenDOS multitasking and memory management secrets.
Windows NT: An emergency repair solution for damaged NT files.
102 **Online**
Net Guide: Digital IDs — what are they and do you need one?
Bulletin boards: Open these online `gates' to games, BBS Registry files and more.
105 **Answers:** Having a computer-related problem? Jan Wikström answers readers' questions and comments on readers' tips.
108 **Toolkit**
Bug Patrol: The latest updates, work-arounds and tools.

THE GAMES GUIDE

33 **RPGs:** How the Lands of Lore sequel compares with other role-playing games.
Reviews: Ecstatica II, 688 (1) Hunter/Killer, KKnD Xtreme, Hard Core 4x4.
Previews: Sequel to Interstate '76 and a new Myst-like adventure.
Home & hobbies: Learn about the complex disease, Cancer.

EXCLUSIVE OFFERS

Huge screen, huge sound, huge storage!

Subscribe to *PC User* and you could win a 17in Trinitron monitor, three-piece active speaker system and 1Gb tape backup drive from Sony. See page 96.

$100 worth of books or CD-ROMs

Our letter of the month wins this prize from Webster Publishing! See page 8.

$1000 games pack!

Turn to page 4 for your chance to win a $1000 games pack from Virgin Interactive.

ClarisWorks 5.0 for $99! Available to all PC User readers! See page 70.

Off-Site

65 Home office productivity kit

Office suites: How Corel WordPerfect 8.0 compares with SmartSuite 97 and Microsoft Office 97. Plus ClarisWorks 5.0 and more.

Personal information managers: New versions of Sidekick, Info Select, Ascend, Lotus Organizer and Microsoft Outlook compared.

Finance software: Quicken for Business and Microsoft Money 97 go head-to-head.

Dictation software: Dragon NaturallySpeaking reviewed.

Communications software: How Communicate! compares with the established favourite, WinFax PRO 8.0.

Shareware: The best tools to round off your home-office toolkit.

Logout

128 That's Debatable: Would Apple be missed?

School PC AUSTRALIA

Cover design: Michèle Heibel

41 History software: The best Austarlian and world history software compared.

Internet education: Hot history reference sites.

Literature software: Shakespeare collections compared.

News: New products and developments in the education market.

Shareware: Fun and entertaining educational games for all students.

Teacher review: How Stellaluna is used as a teaching aid at Red Hill School.

Case study: Telopea Park School — languages and the Internet.

Application software: ClarisWorks for Kids reviewed.

Australian PC User Offline

What's on your bonus CD-ROM!

PC User Interactive

Exclusive files! The actual files used for our **do-it-yourself weekly planner** and **debt tracker** tutorials on page 97, and more.

Scanner comparison: See our reviews on page 22 and the results for yourself on our CD!

Internet sites and tutorials: The full reviews of this month's hot sites listed on page 104, plus Net tutorials for all occasions.

Games

Ignition: Playable demo of this hot new Windows 95 car racing simulation from Virgin Interactive, plus a preview of **Broken Sword**.

Other Windows 95 playable demos: **Dungeon Keeper, International Rally Championship, Comanche 3, Panzer General II, Shadows of the Empire.**

DOS playable demos: **Constructor, Rocket Raid** (full version), **GAG**.

Online tools

Telstra Big Pond access kit: The easy way to get online with eight initial hours free. See page inside front cover.

GigaNet access kit: Connect with this ISP for great benefits.

Internet toolkit: Latest versions of **Internet Explorer** 4 and 3, and **Netscape Communicator** for all available platforms. *PC User* is an official distributor of the **Macromedia Shockwave** plug-in. Plus **WinZip 6.2** and much more.

Educational samplers

Shareware reviewed on page 14 of *School PC* including: **ColourForms: Sailor Moon and the Sailor Scouts, Talking Spelling for Windows, The Yukon Trail Demo, Great Word Adventure, The Adventures of Sci-Man.**

General and business apps

ixla Photo Scanner Suite: Sample version of this complete scanning solution.

Home-office trial software reviewed on page 65: **ClarisWorks Office 4.0, Lotus**

System requirements

The PC User Offline disc can be used with any PC that reads DOS-based CD-ROMs. However, we recommend use with Microsoft Internet Explorer 3.x for Windows 3.1 or 95 with the Shockwave plug-in, which requires at least a 486 with 8Mb of RAM. The third-party software on the CD may have higher system requirements.

Organizer 97, WinFax PRO 8.0, plus **Dragon NaturallySpeaking** demo.

Microsoft Office 97 add-on pack: Includes all the new Office tools listed on the CD cover, plus three Outlook sample applications, Netmeeting add-ins, MS Camcorder, Excel Power Utility Pack 97, and the Word 6.0/95 Converter described on page 108.

Templates for **Corel WordPerfect Office 8.0, Sidekick 97** and **ClarisWorks**.

Windows 95 shareware reviewed on page 83: **Billing Manager Pro, Business Plan Master, TimeWizard95, Vault for Windows 95, DirVault, EZ-Forms Lite Freeware, Notes, SuperMail 2.0, Klick-N-View Business Cards, Labels, Cards and More, SyTools32, Brainstormer95, Vulcan FinanceCalc 97.**

Windows 3.1x shareware reviewed on page 84: **VistaCalc, The Raven, Balance, Prompter, DecideRight, Weights and Measures**

DOS shareware reviewed on page 86: **Square Notes**.

Utilities

Shareware versions of **Anti-Viral Toolkit Pro** and **Thunderbyte 8.01** for DOS/Windows 3.1x and Win 95/NT, plus **Adobe Acrobat Viewer, Microsoft RegClean 4.1, Windows NT 4.0 Compatibility Test Tool**.

Patches & support files

Bug Patrol: As described on page 108, the **PaintShop Pro, Corel Print House** and **Word 97 updates,** plus the **Lotus SmartSuite 97 update kit, Direct-x 5.0, Windows NT 4.0 Service Pack 3, MS Internet Explorer Authenticode, QuickTime** and **Visual Basic runtime files** and more.

OpenDOS: Better than MS-DOS — a complete operating system! See page 99 for our tutorial.

Using PC User Offline

To make it easy for you to try the software on the CD, we've provided Web pages that allow you to read about the software then install or run them. We've provided the latest versions of Netscape, Internet Explorer and the Shockwave plug-in to allow you to read our pages — although we currently recommend use with IE 3 for Windows 3.1 or 95. This is because it allows programs to be run straight off the CD whereas Netscape doesn't.

The easiest way to use our disc is to simply run the version of IE pre-installed on the CD — nothing, apart from our icons, are installed on your hard disk. See the back of the CD cover for installation instructions. From there, simply click on the PC User Offline icon, and following the instructions in the Web pages. We've provided tab buttons for the software categories described above, or you can click the Software toggle button to preview our Web site and access our library of Internet tutorials and sites.

You can bypass the Web pages altogether, by clicking on the installed Contents icon and printing out the text file.

Having trouble?

We are happy to provide written technical support for the software created by *Australian PC User*, but we cannot provide telephone support. *PC User* software includes the PC User Offline Web pages and Interactive tutorials. It does not include any third-party software on this disc, including Microsoft Internet Explorer.

If you need technical support for any of the third-party software or tutorials on the CD, you will need to contact the developer of that program, although you should note that companies often supply software and documentation "as is" and do not support them. You will find details about the developer either in the program's Help menu or Readme file accompanying the program.

If your disc is damaged, just send the disc and a note with your name and postal address, to PC User Disc Exchange, GPO Box 4088, Sydney NSW 1028.

For technical support of *PC User* software, write to Philip Moore at the above address, e-mail him at pmoore@acp.com.au or send a fax to him on (02) 9267 4909. Please include full details about your system and any error messages you have encountered while running our disc, or we may have trouble helping you out!

About this software

Please note that while some of this software is completely free, many programs are trial versions or shareware, both of which are designed for you to try for a limited time only. If you continue to use a shareware program, you are obliged to pay an additional registration fee to the author or official supplier. ❑

PC User Plus card match and win!

$1000 games pack!

PC User subscribers get a number of benefits (see page 96), including our PC User Plus card. Each card comes with its own individual number — which could be your passport to winning this month's great prize: a Virgin Interactive entertainment pack featuring 12 top games, valued at over $1000.

Titles include 4-4-2, Agent Armstrong, Command and Conquer, Command and Conquer Covert Ops, Broken Sword 2, Red Alert, Counterstrike, Aftermath, Resident Evil, Ignition, Tone Rebellion and Lands of Lore 2!

The first subscriber to call on (02) 9288 9138 with a matching number wins!

Ignition and 4-4-2 are just two of the games you could win in Virgin Interactive's entertainment pack!

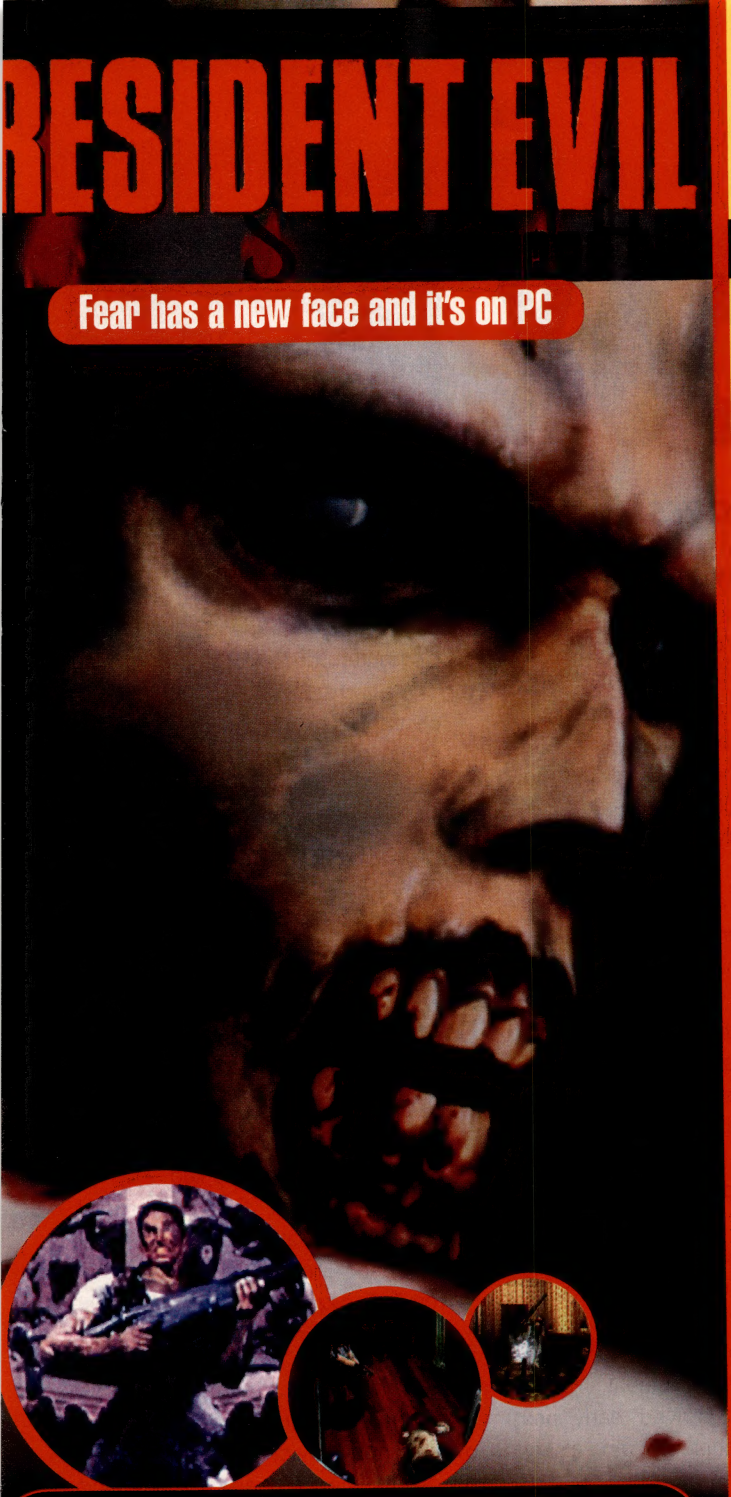
Winning numbers: 5154, 65316, 32554, 256, 78474, 4571, 56312, 34857, 6726, 563, 14312, 55154, 4711, 70645, 2254, 7145, 6549, 16416, 84651, 42895

Disclaimer

We have tested this CD-ROM extensively and taken every care to scan for viruses. However, *Australian PC User* cannot guarantee that all the software on the CD will work on every PC. In particular, some games can be very finicky about what hardware they work with. Finally, we cannot be held responsible for any damage to your system caused directly or indirectly by any software on the PC User Offline disc, or by following any of the tutorials on this disc.

RESIDENT EVIL

Fear has a new face and it's on PC



BLOODY good game

Dodge acid-spitting zombies, fight off mutant dogs
and free yourself from the psychotic aftermath
100 hours of gameplay, recommended 3D acceleration
Mega worldwide PlayStation hit

IGNITION

The racing game for
the seriously fun driver!

A highly playable and entertaining PC racer,
that demands skill and a sense of humour
• 10 cars • 7 tracks • 7 countries in 3D environment
2-player split screen • 6-player network
Screamer 2 meets Micro Machines

Virgin INTERactive

PC CD ROM

SONY PlayStation

CAPCOM

MA 15+

Win 95 and Dos

G anticipated rating

PC CD ROM

© 1997 Virgin Interactive, Australia. All rights reserved. Capcom is a registered company of Capcom Co. Ltd, Japan, 1997 "P" and "PlayStation" are trademarks of Sony Computer Entertainment. Virgin is a registered trademark of Virgin Enterprises Ltd.

Australian PC User

VOLUME 9 NUMBER 10 OCTOBER 1997

Editor Glenn Rees
Art Director Michèle Heibel
Technical Editor Jan Wikström
Sub Editor Fiona Tomarchio
Editorial Assistant Kathryn Hawkins
Hardware & Electronic Publishing Editor Philip Moore
Games Editor Julian Schoffel
School PC Editor Helen Dancer

Contributing writers
Angela Booth, Helen Bradley, Linda Bruce, David Flynn, Link Harris, John Hilvert, Stephen O'Brien, Mark Rogers, Jon Simonds, Rose Vines, Darren Yates

Australian PC User is published on the second last Wednesday of every month by ACP Computer Publications, a division of ACP Publishing Pty Limited ACN 053 273 546

National Advertising Manager
Tom Di Terlizzi (02) 9288 9144
tomd@acp.com.au
Advertising Manager, New South Wales
Wade Gilmore (02) 9288 9146
wadeg@acp.com.au
Advertising New South Wales
Alison Watson (02) 9288 9149
Advertising Queensland
Noel Fitzpatrick (07) 3252 8566
Advertising South Australia
Sandy Shaw (08) 8363 5100
Advertising Western Australia
Diane Slade (09) 481 4127
General Manager, Computer Publications
Mike Udabage (02) 9288 9155
Group Publisher Tim Trumper
Managing Director Colin Morrison
ACP Computer Labs Manager
Stuart Bowman
Marketing Manager
Stephen Dolan (02) 9288 9164
Production Controller
Anne-Marie Smith (02) 9282 8337
Advertising Production
Debbie Eagar (02) 9282 8690
Showcase Classifieds Sales
Morag Kerr (02) 9282 8909

Sydney Office: 6th Floor, 54 Park Street Sydney NSW. Courier dock: 197 Elizabeth Street, Sydney 2000; telephone (02) 9288 9138; fax (02) 9267 4909. Melbourne Office: 102 Toorak Road, South Yarra 3141; telephone (03) 9823 6333; fax (03) 9820 1134. Subscription rates (surface mail) for one year (12 issues) $65, two years (24 issues) $119. Send a cheque to Reply Paid 764, ACP Subscriptions Services, GPO Box 5252, Sydney NSW 1028, Australia; fax your order on (02) 9267 4363 (24 hours a day); or phone 1800 252 515 or if in Sydney (02) 9260 0061. Printed by HANNANPRINT SYDNEY, 140 Bourke Road, Alexandria (02) 9693 0042. Material contained within *Australian PC User* is protected under the Commonwealth Copyright Act 1968. No material may be reproduced in part or in whole without written consent from the copyright holders. All rights reserved.
A note on published prices: Unless stated otherwise, all listed prices are recommended retail, and were correct, according to the supplier, at the time of going to press.

TO SUBSCRIBE TO *PC USER* TURN TO PAGE 96

Inbox

Readers' letters

Only too happy to praise

The letter of the month ('Good after-sales service is out there', page 10) in the June '97 issue has prompted me to put pen to paper about my own good after-sales service experience.

We, as consumers, are always only too happy to complain about after-sales service, so it is only fair to comment on some good service.

I had been using an Osborne system for the past three years, and it had never missed a beat. When the time came to upgrade, and to part with more hard-earned cash for a system with a few 'bells and whistles', many sleepless nights were spent deciding on what system to purchase.

The winner was Gateway 2000, the order was placed, the black and white box arrived on the due date, and the unit was connected up.

However, after only running for two hours, everything died. The help line diagnosed a faulty power supply, and arrangements were made for an overnight delivery replacement unit. As promised, the part arrived early next morning, and the technician came a short time later to install the part.

But the computer was still dead. The technician called the help line, and again arrangements were made for another overnight delivery of a new motherboard. As before, the parts and the technician duly arrived the next morning, and this time the computer fired up perfectly and it has been running sweetly ever since.

This was excellent after-sales service, especially considering the fact that I live in Hobart. Gateway 2000 certainly live up to its advertised promises of service and support.

Helmut Papson
Kingston, Tas.

Revenge on Microsoft

I have become so sick and tired of hearing about the problems of Windows 95 — its endless updates, fixes, patches, its

How to contact us

Postal: GPO Box 4088, Sydney NSW 1028
Fax: (02) 9267 4909
Internet e-mail: pcuser@acp.com.au
World Wide Web homepage:
http://www.pcuser.com.au
New and current subscription enquiries:
Phone (02) 9260 0061 or
1800 252 515 (9am-5pm EST)
Other magazine business
(including back orders for *PC User*):
telephone (02) 9288 9138

Lucky door prize winner!

Congratulations to Mr Phuc Tran of Cabramatta, NSW, who was the lucky winner of the Sydney Home Computer Show door prize!

Valued at $2800, Mr Tran (pictured centre) won a Dick Smith DSX PC with a 166 MMX Pentium processor, 16-speed CD-ROM drive, 33.6Kbps/15.4 fax-modem, 2Gb hard disk drive, 16-bit soundcard, Plug 'n' Play motherboard, 1Mb PCI video card, 15in multimedia monitor and 3.5in floppy drive. The prize also included a software bundled featuring Windows 95, Microsoft Value Pack, Encarta 96, Money, Entertainment Pack, Dangerous Creatures, Novell Perfect Works, fax and communications software and Internet access software.

Mr Tran was presented with his prize by Rachelle Connor (pictured left), Public Relations and Promotions Manager of Dick Smith Electronics and Tom Di Terlizzi (pictured right), National Advertising Manager of *PC User*.

The world's best software for scanners!

for **home...**

for your **business...**

for the **Internet...**

■ **Instant photo Web pages** ■ **Catalog and store photos** ■ **For home and business** ■ **Editing and effects**

ixla PHOTO SCANNER SUITE

special edition of ixlaPhoto version 1.2

ISR GROUP LIMITED
303 Burwood Hwy, East Burwood, Victoria 3151
Tel: 03 - 9803 1600, Fax: 03 - 9803 1695
Internet: www.isr.com.au, E-mail: sales@isr.com.au

Available at major retail outlets including:
- Harvey Norman • Myer Electric • Kodak Express
- Ted's Computer Wiz • Fletchers Photographics
- City Software • Software Today (Qld) • Dymocks Sydney City

ixla technology

For your nearest Photo Scanner Suite outlet please contact Marketing Results on (02) 9899 5888

Letter of the month: *Good advice, great service*

Hello and a great big "thank you" to all at *PC User* and to readers who contribute! Without your useful information I would still be sitting in front of a lemon.

You see, I ordered myself a new PC from someone who had, in the past, updated my 386 to a 486 running 8Mb of RAM, DOS 6.22 and Windows 3.11. It had been doing well but it was a bit slow and a lot of programs needed Windows 95. So, instead of upgrading I bought a new PC. With the knowledge gleaned from your pages, I specifically asked for an Intel Pentium 66, 32Mb of RAM, IBM hard drive, Sony CD-ROM drive, Windows 95 and MS Office 97, and a Canon printer. Nothing unreasonable, right?

The supplier was given 10 days notice. I called the day before we were due to pick up the PC and was told the hard drive, CD-ROM drive and Canon printer weren't available, and would I accept other models? As the 'replacements' were well-known brand names, and with time at a premium and a lot of business stuff to do, I said "Okay, but at what price?". No price difference. We picked up the PC on the Tuesday before Easter. It was setup on Wednesday and then the printer died after printing one document.

Attempts to re-load printer software failed. I noticed a Consignment Note envelope half-torn on the Microsoft Warranty — there wasn't one!

The next morning (Thursday) the supplier came around with (surprise!) the Canon printer I wanted in the first place and a Microsoft Warranty. I typed a note for him that afternoon, printed it and sent it off.

On Good Friday (forgive me, God), I sat down and started typing a very long document with a lot of figures, which took me two hours. It had been regularly saved every two minutes (I'm a fast typist), Print Previewed and then sent to print . . .

I don't know what came on-screen — I do know it wasn't French, Italian, Greek or Arabic — and then the screen just blacked out! No problems, said she, she'll just reload Windows, after all, the document she had typed in would be recovered . . . Except, that in attempting to reload Windows, I found out the ID number wasn't valid! I hadn't started pulling my hair out yet, though I thought it wiser to tie it back with a scrunchie — but my nails were bitten all the way down! I'm not ashamed to admit I cried myself to sleep at 4.52a.m.!

To cut an even longer story short, I called David Jones' Home Office Department on Easter Saturday and they delivered an IBM on Easter Monday evening and a Canon printer! What joy (I actually hugged the keyboard when it was unpacked!) to see 'IBM Australia' on the box — and to find all warranties had to be sent to Australian addresses!

I had to get an additional 16Mb of RAM to make up 32Mb, ordered it from David Jones and they installed it on-site. Their Home Office Department deserves a National Award for service!

The Aptiva is a bit slow, even slower with Vet loaded, but it's worth it. No need to build shelves for books that even Einstein would have trouble reading — it's all in the system in down-to-earth English!

So, from Big Bertha and I, thank you for your advice! It is definitely worthwhile being a subscriber.

Diana J. Stubbs
Dendy, Vic

How to enter

Each month PC User *selects a letter of the month, with the winner choosing a prize worth $100 from Webster's great range of computer books and Moving Books series of CD-ROMs. Just send your letter of no more than 300 words to* PC User *(see 'How to contact us'), and please include your postal address and daytime telephone number.*

Entry is open to all residents of Australia other than employees of ACP Publishing or Webster Publishing. Entry for November '97 closes on October 3, 1997. The judges' decision is final. All entries become the property of ACP Publishing.

WEBSTER PUBLISHING

MOVING BOOKS SERIES CD-ROM

continuous troubles — that I've decided to go back to OS/2 Warp 3.0. Warp came pre-installed when I bought my present machine (an Osborne) in 1995.

I became frustrated with Warp, deleted it, re-installed it, then deleted it again, believing it to be too slow. No-one told me how it would fairly leap along with an increase of memory. Now with an extra 8Mb of RAM making 16Mb altogether, and Warp re-installed, it feels wonderful.

I believe Microsoft has behaved arrogantly and with complete disregard for the feelings, not to mention the pockets, of millions of its faithful followers. It is a grubby, money-making exercise unprecedented in the history of computing. Why the hell, one asks, do we let them get away with it? It is a tribute to hype, advertising, gall, cupidity but not, alas it seems to me, to honesty. We computer-users are 'nerds' indeed to fall for it.

I run a 486DX4/100. My hard disk has three partitions — C: D: (FAT) and E: (HPFS), which means I can have long filenames to my heart's content on E:.

I can manipulate all drives operating Warp, but only C: and D: operating DOS/Windows (which is fine). I use Boot Manager to travel between systems. I have the best of all possible worlds.

Mark Rogers did everyone a favour with his review of the upgrade to Warp 4.0 in the April '97 issue ('Upgrading to Warp 4.0', page 80).

Is there life outside Windows 95-96-97-98? Yea, verily!

Michael Bowie
Church Point, NSW ❑

Coming up

The Internet Edition

ISP survey: The best Internet service providers and what makes them so good.

Internet software: The best Net utilities, games and more.

Net mega-guide: Chock full of tips for heavy users and newcomers.

A NEW LASER PRINTER THAT WON'T INVADE YOUR PERSONAL SPACE.

Samsung's new ML85 personal laser printer takes up about as much desk space as a sheet of A3 paper and weighs in at under 20lbs (9kg).

Yet it packs more features than its bigger, slower, more expensive rivals.

How do we do it? It could have something to do with the fact that Samsung, as the eleventh largest corporation in the world, spends over $7 billion a year on research and development in order to provide the world's best. Backed by the best service, price and advice from our Australian dealers.

To see how well our new printer would sit in your space, call **1800 500 128**.

The new ML-85 laser printer incorporates the following features: 8 pages per minute printing, outstanding resolution – true 600x600dpi, HP Laserjet compatibility with virtually all PC software, 45 scalable fonts. Dimensions: W 360mm, D 367mm, H 170mm.

SAMSUNG ELECTRONICS

LEADERSHIP THROUGH PRODUCTS

DEVELOPING THE WORLD'S LEADING PRODUCTS · MONITORS · PRINTERS · NOTEBOOKS · HDD · CD-ROM · FAX · PHONES (MOBILE, CORDLESS, KEY) · CTV · VCR · CAMCORDER · MWO · AUDIO · REFRIGERATORS · WASHERS · AIR CONDITIONERS

SAM002PCU BSH Adv

Home office hardware

While a PC and printer are essential, a scanner will round off your home office perfectly. Darren Yates tests the latest printers and scanners, and offers his top five PCs for the home office.

Printers

A printer is just a printer, right? Wrong. If you're making do with a two-year-old printer or a freebie that came with your PC, then you are almost certainly missing out. Both low-cost inkjets and laser printers have improved significantly over the past year or so — while prices have dropped considerably.

Crisp colour

You want colour? Yawn. All inkjets have it. This year, the big things in inkjets are high print resolution and photographic quality printing. The latest models from Epson hit 1440 by 720dpi, for example, while Lexmark's new JetPrinter 7000 rattles up a full 1200dpi print resolution.

Photographic quality has taken on new meaning with some extraordinary results now achievable. But there's still one little snag — you must use photo-grade paper to achieve these results.

Laser quality

Until recently, sub-$1000 laser printers were pretty much 300dpi models with engine speeds of no better than 4ppm (pages per minute). Now we're up to 600dpi at up to 6ppm.

In the past, lasers had trouble getting the greyscales right when printing graphics. Most have fixed this problem to a workable degree, although we still had problems printing large graphics in high resolution — most likely because of lack of RAM.

Unlike inkjets, RAM is important for lasers, with the typical 1Mb of these printers apparently inadequate for heavy desktop-publishing work. However, if you're after a professional finish for your business correspondence, these laser printers are well and truly up to the task.

Running costs

Before we go any further, we must first warn readers about running costs. While inkjets obviously have it all over lasers for colour quality, laser printers have it for on-going running costs. Check out our 'Printer costs' table on page 20, and you'll see that while the upfront price of printers is very reasonable, the consumables are comparatively high.

Whilst this is true of both types of printers, bear in mind that toner for a laser printer will last many times longer than an inkjet cartridge.

Similarly, the cost of the photo kits available for some inkjets are high. A photo kit gives the printer the ability to print in six colours, not just four — a big advantage in colour accuracy.

And for best results from the inkjets, especially while using a photo kit, you'll need special paper — a further ongoing expense.

Three-colour printers

Another issue we should warn you about is three-colour printers. If you're printing in black and white, there's no problem — you just use the black cartridge. But to use any colour at all, you must use the three-colour cartridge.

Unlike true four-colour printers, a three-colour cartridge doesn't have any black ink. It has to fake it by combining the three colours — cyan (C), magenta (M) and yellow (Y) — to create a composite black. This has three problems: the black is very ordinary and affects the overall colour contrast, it slows down printing dramatically, and the ink in the cartridge will disappear quickly.

The round-up

For this comparison, we spoke to the top four printer manufacturers — Canon, Epson, Hewlett-Packard and Lexmark. We asked them to send us one printer each in three categories — low-cost inkjet (under $400), high-performance inkjet (under $800) and personal lasers (under $800).

As you will see from the Ratings table on page 14, we used a number of criteria to judge the printers. The Benchmark Results table on page 17 describes the tests to measure the speed. Print quality was judged by a panel of three people, while you can judge the photo print quality yourself on page 18.

Sub-$400 inkjets

Canon BJC-240

While most three-colour inkjets are slowly making their way into history, Canon's BJC-240 shows that there is a case for a low-cost photo-capable printer. Basically a three-colour printer, the BJC-240 has a top resolution of 720 by 360dpi monochrome and 360 by

Canon BJC-240

Maximum resolution: 720 x 360dpi
Maximum colour resolution: 360 x 360dpi
Rated monochrome speed: 4ppm
Rated colour speed: 0.3ppm
No. of colours: 3
Photo kit available: Yes
Maximum page size: Letter
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: Canon Creative 2.0
Warranty: One year
From: Canon (02) 9805 2000
List price: $349 inc. tax

360dpi in colour. Adequate for home use but it's now beginning to fall off the pace with higher-resolution models appearing for a similar price.

The engine is rated at 4ppm monochrome but only 0.3ppm in colour. It's this colour speed which will not endear it to business users.

Using our test suite, the BJC-240 took over eight-and-a-half minutes to produce the one-page Photoshop image test. Now while this did include the PhotoRealism photo kit, the 360dpi resolution just isn't good enough to wait this long. While the image looks good in terms of accuracy, the dots are just too large, noticeably so on facial features.

Our review panel gave the BJC-240 average reviews.

There is plenty of argument over whether it's best to go with more colours or resolution. I think at a full 720 by 720dpi, this printer would have been excellent — enough colours but just not enough resolution.

Speed could also be an issue. Having only three colours, printing out colour documents can be rather laborious. Our 10-page mixed text/graphics document test took over 22 minutes to print with the BJC-240, mainly because it has to use each of the three colours to create a composite black for the text.

Overall, if you're trying to get the most out of a printer for the least amount of money, Canon's BJC-240 makes a strong case. The ability to handle Canon's range of fluorescent colours as well will make this more attractive as a home printer. Watch your ink usage though, it may be more than you bargained for.

Canon BJC-240

The verdict: One of the very few printers under $400 to have a photo kit option, this three-colour printer produces surprisingly good photo-grade images. Well worth a look but keep in mind our warnings on three-colour printers.

Lexmark JetPrinter 1020

One of only two three-colour printers we received in this round-up, the JetPrinter 1020 is designed for low-cost colour printing for budget users. However, we'd only recommend this printer if you only intend to use it occasionally, regardless of whether it would be in colour or black.

If anything, the 1020 would make the ideal children's printer, particularly if it's not going to be doing any critical work. The overall print quality is reasonable but you're never going to get spectacular results from a three-colour printer.

The Lexmark Workshop software is a cute affair allowing you to design and print cards and T-shirts using special iron-on transfers.

We tested the 1020 for speed and quality using a number of torture tests. The results were pretty much as expected. Our 10-page mixed text and graphics MS Word document test took over 21 minutes to complete due mainly to the use of the three-colour cartridge.

On photo-quality settings, the 1020 took just over four-and-a-half minutes to print out our colour Photoshop image — not a bad result but when you consider that it's only at 600 by 300dpi and three colours, the image simply lacks depth in contrast. Individual pixels are just too large to produce photo-quality prints.

Our review panel consistently agreed

Lexmark JetPrinter 1020

The verdict: The cheapest and smallest of the printers we tested, the 1020 is suitable for occasional colour/monochrome printing. Not all that fast but most suited to black text printing on a budget.

that it produced the lowest-quality print-out of all the printers we reviewed.

In plain black text, the 1020 achieved its best result printing out our five-page document in three minutes and 23 seconds — still slow. The text quality is reasonable but three-and-half-minutes is a long time to wait for only 'reasonable'.

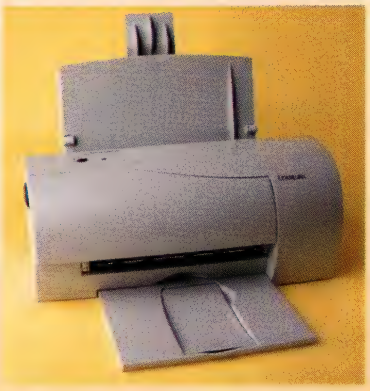
For T-shirts, it's probably okay where you'd expect a lack of resolution and contrast depth.

Overall, probably a reasonable choice 12 months ago but there are now too many printers that perform better for a similar price. We'd suggest that unless you're on a really tight budget, you should look at some of the other printers on offer.

Lexmark JetPrinter 1020

Maximum resolution: 600 x 300dpi
Maximum colour resolution: 600 x 300dpi
Rated monochrome speed: 3.5ppm (draft)
Rated colour speed: 1ppm (draft)
No. of colours: 3
Photo kit available: No
Maximum page size: Letter
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: Lexmark Workshop CD
Warranty: Two years
From: Lexmark (02) 9930 3500
List price: $249 inc. tax

Lexmark JetPrinter 2050



The verdict: A steady performer that has a photo cartridge option for low up-front cost six-colour printing. Not as fast as other printers, the 2050 has an excellent print driver, including ink tank level indicators. Somewhat noisy.

Lexmark JetPrinter 2050

A step up from the JetPrinter 1020, the 2050 is a steady rather than brilliant-performing four-colour inkjet. Capable of 600 by 600dpi in both colour and monochrome, the 2050 can only hit this on special quality paper. The printer defaults back to 600 by 300dpi on plain paper, even with the photo cartridge.

Again, as with the 1020, the 2050 comes with an excellent print driver which tells you exactly what's happening as the printer struts its stuff. Ink tank level indicators and a timer give you a good idea of what's happening. The timer is a good feature but not terribly accurate. As with most drivers, the clock only starts once the driver is activated rather than when you perform the operating for printing to commence.

The print quality using the photo kit is quite good. The photo kit is installed in place of the black cartridge, giving you the standard tri-colour cartridge as well as the photo cartridge containing a further two colours plus the all-important black.

The result is a much smoother transition between colours than you would normally get with a standard four-colour printer and certainly much better than with a normal three-colour model. The only problem was the speed. We had to wait nearly 13 minutes for each print.

Our review panel didn't think much of the photo quality on plain paper — placing it second to last only to the JetPrinter 1020.

Our five-page text document proved the 2050 to have a reasonable engine speed, taking two minutes and 20 seconds to handle the job at 300dpi. The 10-page mixed text and graphics document came in at just under 2ppm with a time of five minutes and 25 seconds.

One of the more annoying features of the Lexmark printers is the general noise. The paper-handling and print-head motors make quite a racket compared to other printers. We suggest you listen to one before you decide to purchase.

Overall, the JetPrinter 2050 has quite a reasonable print quality but lacks a little in speed and quietness. If you're looking for six-colour photo-quality printing on a budget, this could be an option for you.

Lexmark JetPrinter 2050

Maximum resolution: 600 x 600dpi
Maximum colour resolution: 600 x 600dpi
Rated monochrome speed: 4ppm
Rated colour speed: 0.5ppm
No. of colours: 4
Photo kit available: Yes
Maximum page size: letter
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: ^^
Warranty: Lexmark Workshop
From: Lexmark (02) 9930 3500
List price: $349 inc. tax

Epson Stylus Color 400

Epson Stylus 400: This is about the best printer you'll buy for under $400. Has class-leading 720 by 720dpi print resolution with four-colour printing and is the fastest printer we tested in this price range. When you include Epson's Microweave technology, the colour image quality for such a low-cost printer is remarkable.

Epson Stylus Color 400

Epson certainly set the cat amongst the pigeons when it released its latest Stylus range, gaining plenty of popularity.

The Stylus Color 400 is now the entry-level unit with the less-successful Stylus Color 200 relegated to bundle jobs with PCs.

Unlike the higher models in the range, the 400 isn't about to set any speed records but what it does do is set the mark for a sub-$500 inkjet printer. It matches Canon's BJC-240 for resolution but that fourth colour plus Epson's Microweave technology just gives it a slight edge over Canon's BJC-240.

Again, we tested the 400 with our suite of print tests but the problem we had was trying to standardise on a print setting. The driver is excellent, giving many varied options on the print quality.

The Microweave technology is a

Epson Stylus Color 400

Maximum resolution: 720 x 720dpi
Maximum colour resolution: 720 x 360dpi
Rated monochrome speed: 4ppm (text)
Rated colour speed: 3ppm
No. of colours: 4
Photo kit available: No
Maximum page size: Letter
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: None
Warranty: One year
From: Epson (02) 9903 9000
List price: $399 inc. tax

ALL FOR $2990

Multimedia PC • Video-conferencing capable
Internet-ready • Colour Printer • Colour Scanner

There's everything you need for work, play and communication:

- AMD® K6 200 with multimedia enhancement technology
- 32MB RAM, 2.1GB Hard Drive
- PCI Bus Graphics Accelerator
- 15" Monitor
- 24 x CD-ROM Drive, Sound Card and Speakers
- 33.6K fax/modem with speaker phone & answering machine capabilities
- Video Conferencing Kit
- Acer® 4800dpi Colour Scanner
- Epson® Stylus™ Color 300 Inkjet Printer
- Internet access offer
- Business & educational CD bundle from Microsoft® including Encarta, Works, Money, Dangerous Creatures, World of Flight, Creative Writer
- Windows® 95 operating system
- 3 years on site warranty (system only)

COMPUCON *What a deal!*

Visit www.compucon.com or contact your Compucon dealer:

NSW: K & C Infocom Ph (02) 9261 3009, Fax (02) 9267 2847 **SA: General Business Machines** Ph (08) 8373 1114, Fax (08) 8373 1232
QLD: Computer Support Network Ph (07) 3290 3233, Fax (07) 3290 3161 **VIC: Centre Computers** Ph (03) 9899 8545, Fax (03) 9899 8546
WA: Winthrop Australia Ph (08) 9380 2777, Fax (08) 9380 1049 **TAS: Harris Business Machines** Ph (03) 6430 1460, Fax (03) 6431 8502

PCUSER

How the printers rate

	Business use	Home use	Ease of use	Print quality	Speed	On-going costs	Overall value
Canon BJC-240	★★ ½	★★★	★★★	★★ ½	★★	★★★	★★ ½
Canon BJC-4550	★★★★	★★★	★★★	★★★ ½	★★★	★★★★ ½	★★★ ½
Epson Stylus Color 400	★★★	★★★	★★★ ½	★★★	★★ ½	★★★	★★★
Epson Stylus Color 800	★★★★ ½	★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★ ½
HP DeskJet 820Cxi	★★★★	★★★★	★★★ ½	★★★★	★★★ ½	★★★ ½	★★★ ½
Lexmark JetPrinter 1020	★★	★★ ½	★★★	★★ ½	★★	★★	★★
Lexmark JetPrinter 2050	★★★	★★ ½	★★★	★★★	★★ ½	★★	★★★
Lexmark JetPrinter 7000	★★★★	★★★ ½	★★★★	★★★★	★★★ ½	★★ ½	★★★★
Canon LBP-660	★★★★	★★★★	★★★★	★★★	★★★ ½	★★★★	★★★★
Epson EPL-5500	★★★★	★★★★	★★★ ½	★★★★	★★★★	★★★	★★★ ½
HP LaserJet 6L	★★★★	★★★ ½	★★★★	★★★ ½	★★★★	★★★ ½	★★★ ½

must on photo-images and even though this slows the printer down slightly, it gives an excellent result with no visible banding. Our Photoshop image result of four minutes and 24 seconds was respectable and even on plain paper, the image looks quite good. Our review panel gave it similar scores to Canon's BJC-240 with its photo cartridge.

On photo-quality paper, the results are very pleasing, if somewhat more expensive.

Probably the only real drawback is the lack of a photo cartridge. That would have been a nice little extra.

Our 10-page mixed text and graphics document with both the Microweave and high-speed options set took 11 minutes and 14 seconds to print. The hardest thing will be deciding whether the Microweave option is worth using on plain text. Based on our results, we'd probably say no and go for the extra speed. The 720dpi on text is just about good enough on its own.

Overall, we'd say that the Epson Stylus Color 400 is a good option. Having the black ink available all the time makes it just that little more convenient than the BJC-240. Its smaller size and quieter operation make it a better choice than either of the Lexmark sub-$500 printers. Our best buy for under $500.

Lexmark JetPrinter 7000

Maximum resolution: 1200 x 1200dpi
Maximum colour resolution: 1200 x 1200dpi
Rated monochrome speed: 8ppm
Rated colour speed: 3ppm
No. of colours: 4
Photo kit available: Yes
Maximum page size: Letter
Parallel port: Yes
Serial Port: No
Apple Mac compatible: No
Application software included: Lexmark Workshop, LivePix CD
Warranty: One year
From: Lexmark (02) 9930 3500
List price: $699 inc. tax

Sub-$800 inkjets

Lexmark JetPrinter 7000

With a price of $699 including tax, the JetPrinter 7000 is one of Lexmark's more expensive printers, but it is certainly by far and away one of its best. Using a laser-crafted printhead, the 7000 doesn't quite match the speed of the Epson Stylus Color 800 but it has every bit as much quality where it counts — on the page.

The text printing on this unit is exceptional and looks every bit as good as you'd find on a laser printer. Because of the smaller ink droplets, the ink seems to spread less, maintaining a much higher resolution.

The resolution helps the fact that the printer only has four colours. Colour images appear to have a smooth colour transistor from one to another.

Our Photoshop test image was extremely good showing excellent colour accuracy and balance. The speed wasn't too bad either, printing in just over four minutes, compared to the 2050's 12 minutes. Our review panel placed it number two on the Photoshop image test.

Even in standard mode, the print quality is good as is the speed, taking two minutes and 14 seconds to print out our five-page mixed text document.

The driver is the standard excellent version supplied by Lexmark, showing current ink tank levels as well as most of the printer functions and status. It also comes with Lexmark's Workshop CD with greeting card and T-shirt design applets, as well as the LivePix photo software.

The only real down point of the 7000 is the expected price of the colour cartridge. Because it is laser-crafted you can expect to pay anything up to $100 retail for it, making it one of the most expensive printers to run.

Overall, the 7000 is an excellent quality printer held back slightly by its speed and the cost of the ink cartridge replacements compared to its rivals. More suited to high-quality inkjet paper for better results.

Lexmark JetPrinter 7000

The verdict: The only printer capable of 1200 by 1200dpi printing, the 7000 has excellent quality that can only truly be realised by using special paper. Even on plain paper though, this printer is a standout.

Hewlett-Packard DeskJet 820Cxi

This printer simply keeps on keeping on. A four-colour inkjet with 600 by 600dpi monochrome resolution, the 820Cxi harks back almost to pre-photo days in the inkjet market.

As a result, the 820Cxi doesn't match

Brother challenge the competition to a dual

$1,099
Rec. Retail Price

Brother have taken off the gloves with the HL-1060 dual paper tray laser printer. Priced at just $1,099rrp it is the only printer at this price to feature permanent dual paper trays. This allows you to run two different types of paper simultaneously, and with each tray holding a whopping 200 sheets of paper, wastage is reduced, productivity is increased and time is saved. And when you consider that the HL-1060 also offers Straight Paper Path printing at 10 pages per minute, with a reproduction quality of 1200 x 600dpi and PCL®5e emulation, it makes choosing a printer anything but a challenge.

CELEBRATING 20 YEARS DOWN UNDER

For your nearest stockist, contact Brother now on NSW/ACT: (02) 9887 4344 VIC: (03) 9899 4844 QLD/NT: (07) 3252 5257 SA/TAS: (08) 8272 1300 WA: (08) 9478 1955.

HWA BRO 0270

brother®
LIKE NO OTHER

Hewlett-Packard DeskJet 820Cxi

The verdict: One of the printer market's longest survivors, the 820Cxi is still a fast printer with good text quality printing, lacking resolution slightly in the photo-quality department. Has high-capacity cartridges to make it cheaper to run.

the resolution of most of the current inkjet printers. The best colour resolution it can do is only 600 by 300dpi — the same as the Lexmark JetPrinter 1020.

But even so, while the image is somewhat more grainy, our review panel gave it top marks in our Photoshop print comparison. Its brighter colours with stronger definition and contrast attracted the eye.

While its ability to print photos is surprisingly good, the 820Cxi excels in business documents. Even with only a 600 by 600dpi resolution, the text quality of the 820Cxi comes pretty close to anything Lexmark or Epson can produce. Whether it's due to faster-drying inks, we can't be certain, but all edges are sharp and there is very little bleeding occurring. The 600 by 600dpi printing definitely helps.

As for speed, the 820Cxi can still match it in the middle-ground, chalking up a respectable two minutes and two seconds on our five-page text document. It also managed our Photoshop image in a touch under four minutes.

Out of all the inkjet printers, the 820Cxi has arguably the most complex paper handling mechanism. It holds the current page up above the previous page until it finishes printing on it, allowing the previous one to dry before dropping the new one down on top. The only problem is that it pulls the paper through a 180-degree arc making it unsuitable for thicker paper stock.

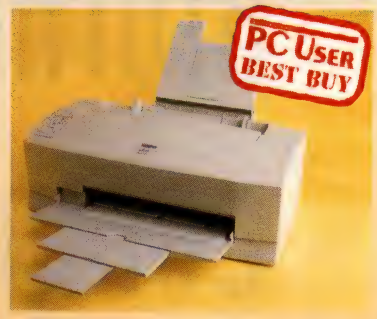
The driver software is showing its age — no timer and no ink tank level indicators. It does have a reasonable troubleshooting guide but it doesn't have quite the same feel as the more current applets used by Epson and Lexmark.

Overall, the DeskJet 820Cxi would make an ideal business printer. Its text and business graphics quality are excellent. And with a street price of just over $500, it may not have the resolution but it's definitely worth a look.

Hewlett-Packard DeskJet 820Cxi

Maximum resolution: 600 x 600dpi
Maximum colour resolution: 600 x 300dpi
Rated monochrome speed: 6.5ppm
Rated colour speed: 4ppm
No. of colours: 4
Photo kit available: No
Maximum page size: Letter
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: 50 TrueType fonts
Warranty: One year
From: Hewlett-Packard 131 347
List price: $515 inc. tax

Epson Stylus Color 800



The verdict: Epson's Stylus 800 is the near-perfect all-round printer. It handles anything you can throw at it with excellent speed and the benefits of its 1440 by 720dpi print engine make it the ideal choice for high-quality business printing and photo-quality reproductions alike.

Probably the most expensive A4 inkjet printer you can buy for under $800 but it has the performance to justify its high price tag.

This four-colour inkjet printer has a top resolution of 1440 by 720dpi, however, this is only achievable with photo-quality paper. It throttles back to a still-impressive 720dpi on plain paper.

But it's the engine speed that makes the 800 a real winner.

With a monochrome engine speed of 8ppm, the 800 even gives two of the three personal laser printers we looked at some hurry-up. It produced our five-page text document in about the same time as the Canon LBP-660 laser printer — and at a higher 720dpi as well. Epson's own EPL-5500 produced the same document 15 seconds faster again.

When you consider that as well as its ability to print quite a good photo-quality image, the Stylus Color 800 is one of the best all-round A4 printers you'll find. It's ideal for both photos as well as business documents.

Our review panel looked at the photo quality of the 800 on plain paper and surprisingly didn't quite like the result as much as a number of other printers.

Epson Stylus Color 800

Maximum resolution: 1440 x 720dpi
Maximum colour resolution: 1440 x 720dpi
Rated monochrome speed: 8ppm (A4)
Rated colour speed: 7ppm (A4)
No. of colours: 4
Photo kit available: No
Maximum page size: Letter
Parallel port: Yes
Serial port: Yes
Apple Mac compatible: Yes
Application software included: None
Warranty: One year
From: Epson (02) 9903 9000
List price: $799 inc. tax

Canon BJC-4550

The verdict: With two equally good but diverse printers, we deemed it too difficult to choose between the Epson Stylus Color 800 and Canon's BJC-4550. It is the only A3 printer in this price range and while it doesn't quite have the high resolution of other printers, its unique multi-level ink print system makes it a great choice for larger-format printing and photographic printing.

The only place where the 800 is let down slightly is that with such a high-print speed, the text quality could be a touch better. At this level, there's little difference between laser and inkjet text quality but at top-speed, the 800 shows slight signs of fuzziness on the edges. Even so, there's not an inkjet than can match its speed for the price.

The driver software is also excellent and similar to the rest of the Epson range showing ink tank levels and the current printer status.

The only drawback is the lack of a photo kit. Epson seems to have kept this for the top-of-the-line Epson Stylus Photo, not featured in this review.

Overall, the fastest inkjet we've seen for under $800 and certainly one to put on any short-list. Even with continued improvements in inkjet technology, the 800 will hold its own for some time to come.

Canon BJC-4550

Maximum resolution: 720 x 720dpi
Maximum colour resolution: 720 x 360dpi
Rated monochrome speed: 5ppm
Rated colour speed: 1ppm
No. of colours: 4
Photo kit available: Yes
Maximum page size: 17 x 11in (A3)
Parallel port: Yes
Serial port: Yes
Apple Mac compatible: Yes
Application software included: Canon Creative 2
Warranty: One year
From: Canon (02) 9805 2000
List price: $699 inc. tax

Printer benchmark results

Printer	Type	One-page Photoshop image	10-page mixed text/graphics	Five-page mixed text	Two-page spreadsheet
Canon BJC-240	Inkjet	5:25	22:07	2:26	5:19
Canon BJC-4550	Inkjet	7:28	6:41	2:48	3:41
Epson Stylus Color 400	Inkjet	4:25	11:14	4:16	2:34
Epson Stylus Color 800	Inkjet	2:42	2:40	1:22	0:56
HP DeskJet 820Cxi	Inkjet	3:58	3:57	2:02	2:21
Lexmark JetPrinter 1020	Inkjet	4:30	21:13	3:23	5:11
Lexmark JetPrinter 2050	Inkjet	12:56	5:25	2:20	3:52
Lexmark JetPrinter 7000	Inkjet	5:57	4:33	2:14	2:47
Canon LBP-660	Laser	1:37*	2:09	1:23	0:43
Epson EPL-5500	Laser	1:44	2:01	1:07	0:38
HP LaserJet 6L	Laser	2:13	2:14	1:15	0:51

** Test only completed at 300dpi*

Canon BJC-4550

It's not very often you find an inkjet capable of handling A3 paper. It's even more uncommon to find one for less than $700. Canon's BJC-4550, on the street for $699, is a rare mix of functionality and low-cost.

This four-colour printer has a top resolution of 720 by 360dpi in both colour and monochrome. While it doesn't seem all that much, the printhead includes Canon's new multilevel ink printing technology, which allows it to vary the amount of each ink it drops on to the page.

Standard printers give just two levels of colour — 100 per cent full colour or no colour.

Instead on needing extra colours, the 4550 uses lower-density inks, which enables up to four different shades of colour to be produced. Each level of colour can also be dropped on to another colour shade to produce 32 colour shades rather than the commonly used eight.

The result is better colour accuracy and less number of cartridges. This technology is still in its infancy, so as resolutions improve, say to a full 720 by 720dpi, this type of printing will only get better.

Our review panel gave the Photoshop test printout an above-average result.

Canon has also improved its act when it comes to drivers. The software for the 4550 tells you when you've selected an option that isn't going to work too well and can automatically adjust the settings to get a better match. For example, if you select highest resolution and quality and you're only using plain paper, the driver will suggest dropping that back to standard quality but still allow you to proceed with your previous settings.

Another plus is Canon's fluorescent inks. While somewhat more expensive, they allow to make a much bigger colour splash in true fluoro-style.

Overall, the BJC-4550 is excellent value, particularly if you're looking for something different in an inkjet printer.

Sub-$800 lasers

Hewlett-Packard LaserJet 6L

There's a saying that no-one was ever fired for buying an HP LaserJet printer. History will probably show the LaserJet 6L will also fit under that umbrella but with a number of lower-cost units available with the same resolution

Print quality compared

Canon BJC-240

Lexmark JetPrinter 7000

Epson Stylus Color 800

Lexmark JetPrinter 2050

HP DeskJet 820Cxi

Lexmark JetPrinter 1020

Epson Stylus Color 400

Canon BJC-4550

HP LaserJet 6L

Epson EPL-5500W

Canon LBP-660

Photographic quality has taken on a new meaning with some extraordinary results now achievable. However, we're still a way off yet from seeing photo-quality printing on plain paper.

and print speed, it's more likely to be a case of the heart wanting this printer and the bottom-line saying another.

The 6L is a 600dpi, 6ppm laser printer and looks pretty much the same as the popular 5L. The main difference being an extra 2ppm performance and the extra resolution.

Even though it is one of the more expensive units on the market, the 6L continues HP's experience with text quality. We can't fault it. Mind you at 600dpi, it would want to be good. Characters are crisp and perfectly formed with no signs of furry edges.

Not quite as fast as Epson's EPL-5500, the LaserJet 6L took the longest to print out our 10-page mixed text and graphics document. Again the text quality was excellent and the colour graphics translated well into greyscale monochrome.

Our review panel had a difficult time between all three laser printers with the 6L narrowly coming second in the three-way test.

Paper handling is also excellent with two paper trays as well as the ability to handle envelopes as extras. You can also choose the output direction of the

Hewlett-Packard LaserJet 6

Maximum resolution: 600 x 600dpi
Rated monochrome speed: 6ppm
Maximum page size: Letter
Standard RAM: 1Mb
Maximum RAM: 8Mb
Paper capacity: 100
HP PCL support: PCL 5e
Host-based printer: Optional
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: None
Warranty: One year
From: Hewlett-Packard 131 347
List price: $799 inc .tax

Which bank allows you to access your account anytime, anywhere?

If you're on the Internet you can do your essential everyday banking with your PC. With the Commonwealth Bank's **Net**Bank.

Whether you're at home or in the office, whether you're in Sydney, Perth or Athens, you have access to your **Net**Bank linked statement and credit card accounts. Get up-to-date account balances, and transfer funds between your accounts. Pay regular bills such as telephone, gas, electricity and council rates (more than 450 organisations participate in this service). Review your last 150 transactions (except credit cards).

And **Net**Bank is secure - only people with a correct Password and client number can access their accounts using **Net**Bank. All **Net**Bank transactions are encrypted to protect customer information. The Commonwealth Bank's computer systems are specially protected to stop unauthorised entry to the Internet.

NetBank never closes. Open 24 hours a day, 7 days a week, it's like having a Commonwealth Bank branch at your fingertips.

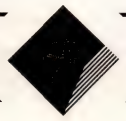
To start, you will need to complete and sign a **Net**Bank application form. Application forms are available from any Commonwealth Bank branch, online from our Web site or by calling us on 13 2221 (8am to 8pm Monday to Friday). To trial **Net**Bank before you apply, why not take our Guided Tour at www.commbank.com.au/NetBank.

Then everything will click into place.

Which bank?

Banking Made Easy.
13 2221
8am to 8pm
Monday to Friday

Commonwealth Bank



NetBank

Conditions of use are available on application. Commonwealth Bank of Australia. ACN 123 123 124.

APL CBA 31070

HP LaserJet 6L

The verdict: It might not be the cheapest but the LaserJet 6L has the features and performance to give excellent results in pretty quick time. While all three laser printers perform admirably, the LaserJet 6L has more features in terms of paper handling and handles both text and graphics equally as well.

paper from flat on the desk to upright in the upright paper tray.

The one drawback we see is the open paper holders facing up. Without covers and in a dusty environment, it would be easy for paper to drag the dust through the printer, possibly damaging the drum and reducing the print quality.

Overall, the 6L is an ideal business printer with plenty of features that you wouldn't have seen in a laser at this price two years ago.

Epson EPL-5500

The verdict: Small and fast. This unit is ideal for fast throughput of standard documents but only has average paper handling. Matches the LaserJet 6L for performance and quality.

Epson EPL-5500

Maximum resolution: 600 x 600dpi
Rated monochrome speed: 6ppm
Maximum page size: Letter
Standard RAM: 1Mb
Maximum RAM: 32Mb
Paper capacity: 150
HP PCL support: PCL 5e
Host-based printer: Optional
Parallel port: Yes
Serial port: Optional
Apple Mac compatible: Optional
Application software included: None
Warranty: One year
From: Epson (02) 9903 9000
List price: $750 (approx.)

Epson EPL-5500

You won't find too many laser printers smaller than this. The basic footprint is not much bigger than a standard A4 page. Another of the 6ppm/600dpi brigade, the EPL-5500 is the most expensive of the lasers we tested, in both initial purchase price as well as the consumables.

What you do get for your money though is an excellent laser printer. Text quality printing is excellent and it had no problems completing our full-page Photoshop image test — even in its full 600dpi resolution.

One of the major features which makes this printer ideal for business use, even as a proofing printer, is its ability to handle up to 32Mb of RAM. We found 1Mb of RAM enough during our testing.

As far as speed goes, the EPL-5500 took the top spot in all of our tests. It turned out the two-page spreadsheet document five seconds faster than its nearest rival.

With a warm-up time of 35 seconds and a time-to-first-page of 20 seconds, the EPL-5500 still has quite good speed once it gets going, turning in our five-page text document in one minute and seven seconds — even at 600dpi.

The EPL-5500 also has the option of a serial card and AppleTalk for Apple Macintosh PCs, giving that extra flexibility.

Paper handling lets the unit down with only rudimentary control over paper types. There's also no specific placement for envelopes.

Overall, the EPL-5500 is a solid-performing laser lacking the features of the other two units we looked at. However, at a street price of around $760, it will be too expensive for the family market, especially when compared to other 6ppm, 600dpi lasers selling for around the $500 to $600 mark.

Canon LBP-660

The Canon LBP-660 is another of the current range of 6ppm, 600dpi laser printers vying for position on your desktop. One feature which makes the Canon an interesting choice is the unit's Automatic Image Refinement, which allows it to achieve up to 2400dpi horizontally.

The LBP-660 also has no warm-up time by using a fuse-on-demand technique that allows printing to occur as soon as you switch it on. And as with all three laser printers we tested, the text quality is excellent. When you're using microfine toner and 600dpi resolution,

Printer costs

	Purchase price (street)	Toner	Black cartridge	Colour cartridge	Photo kit
Canon BJC-240	$359	N/A	$47	$57	TBA
Canon BJC-4550	$695	N/A	$14	$29	$83
Epson Stylus Color 400	$373	N/A	$34	$45	N/A
Epson Stylus Color 800	$760	N/A	$41	$45	N/A
HP DeskJet 820Cxi	$515	N/A	$45	$51	N/A
Lexmark JetPrinter 1020	$265	N/A	$50	$59	N/A
Lexmark JetPrinter 2050	$459	N/A	$50	$59	$93
Lexmark JetPrinter 7000	$699	N/A	TBA	TBA	TBA
Canon LBP-660	$524	$85	N/A	N/A	N/A
Epson EPL-5500	$757	$114	N/A	N/A	N/A
HP LaserJet 6L	$690	$98	N/A	N/A	N/A

For $2·00 an hour we give you more than 60 minutes.

Pay $2·00 an hour up front for 40 hours online with OzEmail's 2-Up Deal# and you'll get more than low rates. You'll get the reliability and support of Australia's largest Internet Service Provider.

You'll get access to our superior national network, including 56K technology* in Sydney, Melbourne and Brisbane. You'll get free 24 hour a day, 7 day a week technical support. Plus you'll get exclusive online services such as NewsWatch, StockWatch, LawNet and much more. Conditions apply, so visit http://www.ozemail.com.au/2updeal or call 1800 805 874 now to learn more about 2-Up.

And get a whole lot more for your money with OzEmail.

#Available to credit card customers only. $25 registration fee applies. Customers must use the 40 hours within 12 months. Additional hours are charged at casual rates. *Speed of access may vary with line conditions, availability and modem capacity.

WE GIVE YOU MORE

OZEMAIL INTERNET

Email: sales@ozemail.com.au Web: http://www.ozemail.com.au/2updeal

ATL OZ2074

Canon LBP-660

The verdict: The cheapest laser printer we tested. Good output quality and compact size make this ideal for the home environment.

you have to look long and hard before you see any slight irregularities.

Part of the reason for its comparatively low price is due to its use of the Windows Printing System. In simple terms, the LBP-660 has very little brains inside, instead using your PC to do all of the hard work. It still, however, supports HP's PCL 4-level language.

If you're printing from DOS applications, you'll have to do it from within Windows or else it won't work. We suggest you check that your specific DOS applications can do this before buying the LBP-660.

As far as performance is concerned, our Photoshop image proved to be a little too much for this unit when set to its full 600dpi resolution. Each time we tested we received only part of the image. When we dropped the resolution back down to 300dpi, we had no problems, suggesting that there is some buffering issue with high-resolution images.

Our 10-page text/graphics document came through at just under two minutes and 10 seconds, the slowest of the lasers, but still way ahead of the fastest inkjet printer.

Fancy little tricks such as audio prompting in the driver software make it one of the easier printers to use and set up, again making it ideal in a family environment.

Overall, the Canon LBP-660 is well worth the look. Lower running costs compared to the other lasers are also in its favour, making it one of the cheaper units to run.

Canon LBP-660

Maximum resolution: 600 x 600dpi
Rated monochrome speed: 6ppm
Maximum page size: Letter
Standard RAM: 128Kb
Maximum RAM: N/A
Paper capacity: Dual tray (100 and 50)
HP PCL support: PCL 4
Host-based printer: Yes
Parallel port: Yes
Serial port: No
Apple Mac compatible: No
Application software included: None
Warranty: One year
From: Canon (02) 9805 2000
List price: $520 (approx.)

Sub-$800 scanners

Flatbed scanner prices have crashed. But which are the real bargains? Darren Yates tests eight of the latest models.

There are a number of types of scanners available, but flatbed scanners offer the best overall quality, and are the most flexible in terms of what media they scan. About the only thing they're not ideal for are books.

Combine these advantages with their dramatic drop in prices — you can now buy a true-colour 300dpi flatbed scanner for $299 — and you've got to ask yourself: why buy anything else?

The round-up

To see what you can now buy for your money, we rounded up eight of the most popular flatbed scanners: one each from Mustek, Plustek, Scantac, Artec, Canon, OpticPro, Hewlett-Packard and Microtek. The only prerequisite for each unit was that it had to be under $800.

All the flatbed scanners looked pretty similar on the surface, but we found major differences beneath the surface which will help you decide, which scanner is best for you . . .

The interface

One of the major selling points is how the scanner connects to your PC. The two most popular connection methods are through a supplied SCSI card or through your computer's parallel printer port.

The latter works best if your PC has an ECP-compliant port enabled. You can find this out by clicking on the Control Panel in Windows 95, selecting the system icon and then double-clicking on the Ports item on the menu.

One scanner, the Scantac-2c, came with its own proprietary board. Not only did it provide the data path from the scanner to the computer, it also provided the power to the scanner. While this sounds great, we're not convinced that this is a good use of your PC. Rather than using one of your PC's internal power cables, it takes the power direct from the motherboard via the expansion slot connection.

All of the SCSI cards were Plug 'n' Play-compatible making installation fairly straightforward. Those using the parallel port were simpler and faster to get up and running, however, they are generally slower to scan than SCSI-based scanners.

Scanning engines

All of the scanners we looked at were at least capable of scanning at 300 dots per inch (dpi) while some were capable of up to 1200 by 600dpi. Resolution claims can vary markedly depending on whether you're talking about actual real resolution or software 'shuffling'. While there are a number of scanners claiming much higher figures of up to 9600dpi, you need to check what the figures really mean. (See

Resolution and colour-depth — what the numbers mean

Today's scanners are capable of very high resolution — far exceeding any printer — but there are two sets of figures that are quoted: the optical resolution and the enhanced or interpolated resolution.

The optical resolution is the hardware resolution — what the scanner can see. This is always a lower figure but it is the most accurate one to go by.

The enhanced resolution is often a number of times larger than the optical resolution and is created by interpolating or 'fudging' the missing dots, using the dots it's already scanned.

Using the enhancement can give you more picture resolution but using too much of it can give you a distorted image. The more dots it has to interpolate the more errors that creep into the image.

A good rule of thumb is not to go more than double the optical resolution. For example, if your scanner has an optical resolution of 300dpi, then don't go above 600dpi.

Colour depth refers to the number of colours that the scanner can use to create the image. The lowest setting is 1-bit and is also known as black and white — they're the only two colours you can have. Use this for line-art and scanning text for OCR apps.

Eight-bit greyscale gives you a maximum of 256 shades of grey and is used to recreate black and white images.

Twenty-four-bit colour gives you a maximum of around 16 million colours. The colour for each pixel is divided into three bytes — one each for the red, green and blue component of that colour. You'll use this setting most often.

Thirty-bit colour uses the same principle except that each colour has a 10-bit code or 1024 possible shades. When you combine all three 10-bit codes, you can create any one of around 1000 million colours. Not all scanners can scan at this depth.

by Darren Yates

box 'Resolution and colour-depth — what the numbers mean'.)

Each unit in this feature is capable of scanning up to a 24-bit colour resolution as well as black and white and 8-bit greyscale.

Software

These days, you don't just buy a scanner, you buy a complete package — scanner, image editing and OCR (optical character recognition) software.

The image-editing suite most commonly bundled is Ulead's PhotoImpact Special Edition. This is an excellent image-editor with plenty of features for manipulating, sizing and moving images.

As for OCR, the most common package is either a lite version of OmniPage or another interesting package called TypeReader. These two produced the most accurate results but no OCR package can give you 100 per cent accurate results.

Artec Viewstation AT6

Optical resolution: 300 x 600dpi
Interpolated (or enhanced) resolution: 4800 x 4800dpi
Colour depth: 30-bit colour, 10-bit greyscale
Interface: SCSI-2
Bundled software: ScanTools (TWAIN driver), Macromedia's XRes 2.0, Adobe's PhotoDeluxe (image editors) and Wordlinx 32-bit OCR package.
From: THX Computer Systems (02) 9262 1588
List price: $399

Testing

To see how these scanners faired, we ran each scanner through two tests — one for image quality and the other for OCR accuracy.

The image test was the cover of *PC User*'s February 1997 edition. This gave us a good selection of primary colours as well as smooth gradients.

Each scanner was set to 150dpi, full colour and the scanning commenced. The scanned image was then saved as a BMP file with the image file sizes roughly around the 6Mb mark.

Our second text consisted of an A4 page comprising formatted text with bold, italics and underlining using 10 point Times Roman font included with Windows 95. Each scanner was then set to line art at 300dpi and the page was scanned. The same page was used for all scanners.

Artec Viewstation AT6

This scanner comes with its own SCSI-2 interface card and despite the extra work you need to do to install it, we had no problems and had the unit up and running first go.

The AT6 uses a 300 by 600dpi optical scan engine with resolution enhancement up to 4800 by 4800dpi. The colour depth is 30-bit.

Most of the scanners we looked at came with only a small amount of software but the AT6 had a good range to choose from, including its own simple-to-use TWAIN driver called ScanTools, Macromedia's XRes 2.0, Adobe's PhotoDeluxe and Wordlinx 32-bit OCR package.

The lamp in the AT6 is a cold-cathode type, rather than the standard hot-cathode. Putting it plainly, this type of lamp is meant to reduce your running costs as well as lasting longer.

As for our tests, the AT6 handled image test quite comfortably. The cover scan showed little of the 'patch-work quilt' effect shown by some of the other scanners we tested. The colours were a little darker than the original cover but still well saturated.

The OCR package, Wordlinx, did a reasonable job, at least maintaining

Artec Viewstation AT6

The verdict: A reasonable performer overall. Produces a pleasing image scan with good colour saturation and comes with plenty of software. The OCR package is okay but not brilliant. Still, worth a look.

Microtek ScanMaker E6

The verdict: An average performer, the ScanMaker E6 didn't handle either of our tests well. Comes with PhotoImpact image software.

font and most of the formatting information, but lost all bold, underlining and italics. There were a number of character errors but overall performed better than a couple of the units we looked at.

The ScanTools software is very easy to use and one of the better TWAIN drivers, and with the range of software, particularly image editing software, the Artec Viewstation AT6 is worth a look. The only thing we would recommend is probably investing in a new OCR package, such as TypeReader or OmniPage.

Microtek ScanMaker E6

The largest scanner we tested by quite a margin, we weren't overly impressed by the ScanMaker E6.

This A4 flatbed unit has an optical resolution of 600 by 1200dpi and up to 30-bit colour depth, but from our tests it failed to translate into what we'd consider an excellent scan.

With software, the maximum enhanced resolution tops out at a hefty 4800dpi. Even at just 150dpi, our cover image scans at around 6.5Mb. At 300dpi, that balloons out to 23Mb. Not all home PCs are going to work well with files of that size.

The unit comes with Scan Wizard software, 16- and 32-bit scanner TWAIN interface as well as ImageStar image-editing software. Easy to use, it's quite functional but not in the same league as PhotoImpact.

The unit comes with a DTC SCSI-2 interface card, which was easy to install and caused no problems.

When it came to our tests, we were disappointed with the results. The cover image showed an unnerving checkerboard pattern, while colours were poorly defined, giving the feeling that the original image was a cross-stitch rather than an actual cover page.

The OCR package supplied is TextBridge 3.0, originally from Xerox. It's reasonably accurate but produced eight character recognition errors while still keeping most of the font and formatting data. Compared to some of the OCR packages we've seen, this isn't such a bad result.

Overall, it promises quite a bit in terms of hardware capability but fails to deliver where it counts. Considering its street price of around $700, we can't see from the results of our test unit any compelling reason for recommending it, particularly when you consider the competition.

Microtek ScanMaker E6

Optical resolution: 600 x 1200dpi
Interpolated (or enhanced) resolution: 4800 x 4800dpi
Colour depth: 30-bit colour, 10-bit greyscale
Interface: SCSI-2
Bundled software: Scan Wizard, ImageStar image editor, TextBridge 3.0 OCR
From: Proscan Australia 1800 654 930
List price: $799 inc. tax

Mustek Paragon 1200SP

Another scanner that promises plenty but fails to deliver. The Paragon 1200SP has an optical resolution of 600 by 1200dpi and 30-bit colour depth but as with the Microtek ScanMaker E6, the 1200SP produces sketchy results.

The interpolated resolution is an amazing 9600 by 9600dpi. Scanning our cover image at that resolution would certainly have been a test for our 2Gb hard disk drive.

The unit comes supplied with a standard Plug 'n' Play SCSI-2 interface card and cable. It also comes with driver support for Windows 3.1, 95, NT and the Apple Mac.

Mustek Paragon 1200SP

The verdict: Another scanner that didn't live up to the promises. Poor OCR and a fairly noisy mechanism on our test scanner doesn't make for a scanner we'd recommend.

We'd have to say that our test results from this unit were disappointing.

Our test cover image appeared quite dark, with poor colour accuracy and a disturbing checkerboard pattern on the bulk of the yellow cover. The image is also quite soft to look at and would need a bit of a touch-up to get to a useable condition.

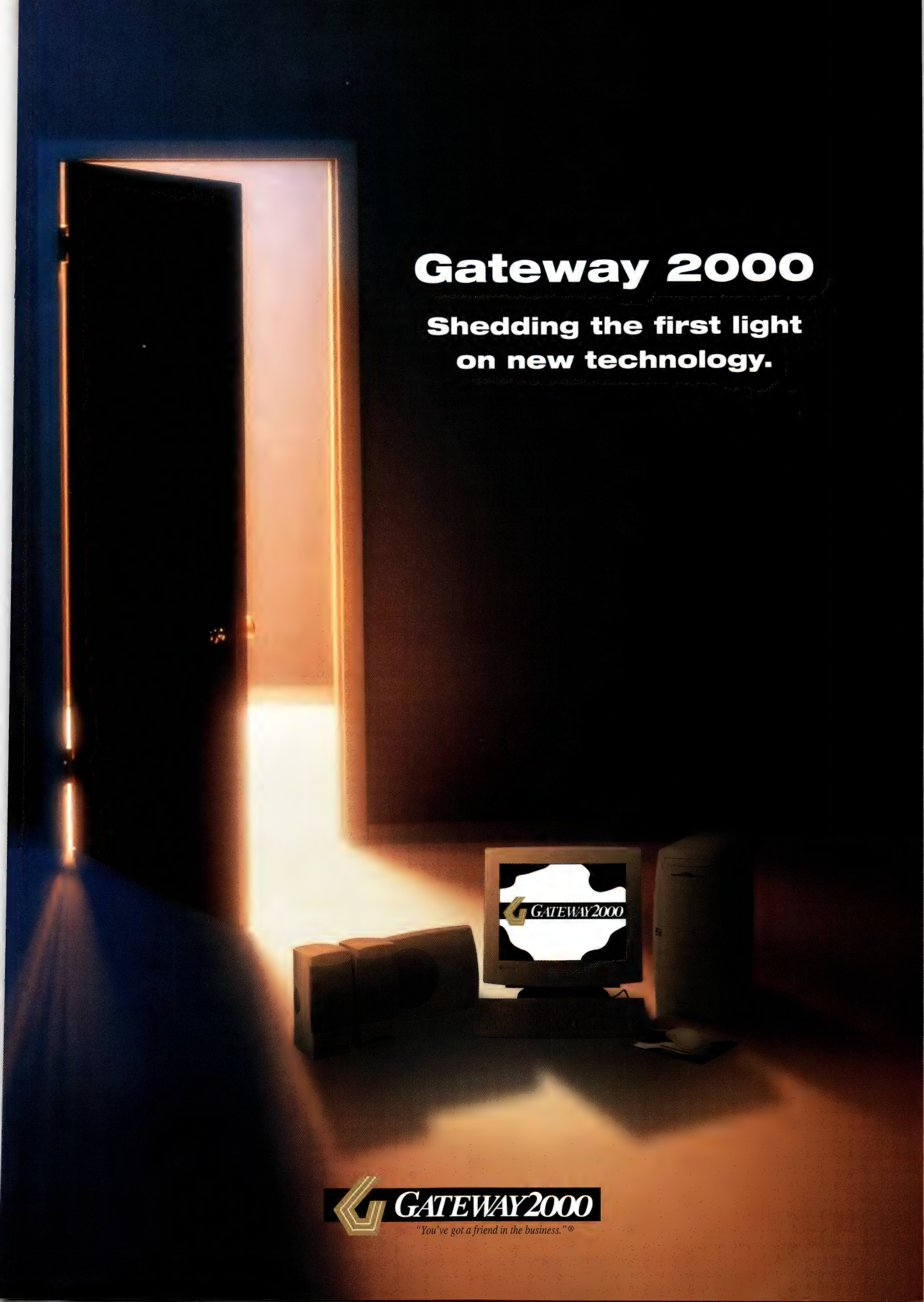
The OCR results were also quite poor. From our A4 test page, the 1200SP using TextBridge Classic, failed to retain any formatting information at all — no fonts, paragraphs, underlining, italics — all we were able to gain was the text as pretty much raw copy.

The image-editing software includes Ulead's iPhoto Plus, which looks like it's from pre-PhotoImpact days. But probably the best thing about this unit is the Micrografx Picture Publisher image-editor. This is a very good package which has plenty of filters and special effects to make the most of your scanned images.

All-round, we'd have trouble recommending this scanner. The OCR software doesn't come close to TypeReader or OmniPage and the image quality is only

Mustek Paragon 1200SP

Optical resolution: 600 x 1200dpi
Interpolated (or enhanced) resolution: 9600 x 9600dpi
Colour depth: 30-bit colour, 10-bit greyscale
Interface: SCSI-2
Bundled software: Ulead iPhoto Plus, MicroGrafx Picture Publisher, TextBridge Classic OCR
From: Synnex Australia (03) 9540 0555
List price: $599 inc. tax

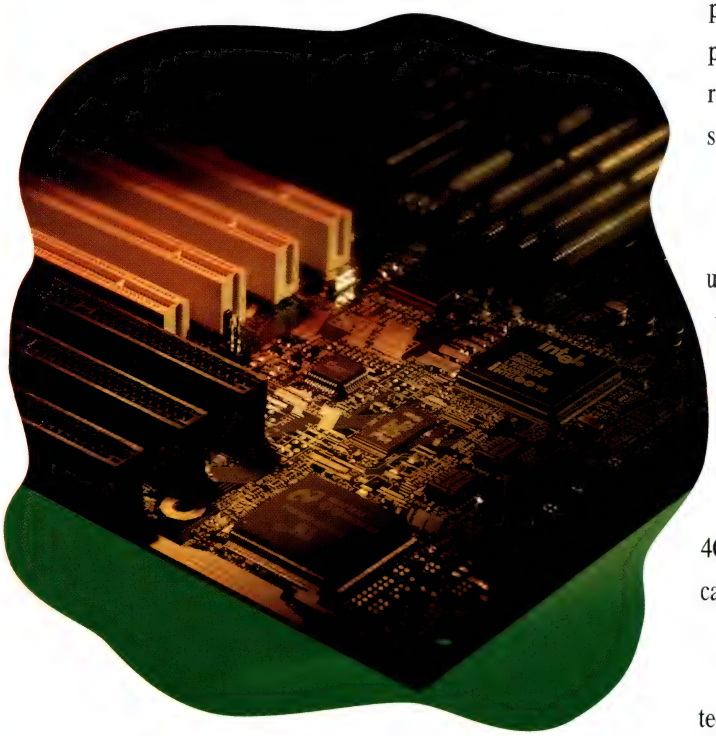

Gateway 2000
Shedding the first light on new technology.
GATEWAY2000
GATEWAY2000
"You've got a friend in the business."®

Pentium® II Processor Erupts.

Right here, right now: Gateway 2000 brings you the latest technology as soon as it's available.

We've introduced the powerful new Intel 440LX chipset into all of Gateway's G and GP Series Pentium® II processor systems. This delivers radical performance enhancements to keep even the hardest of hard core tech-heads happy.

The Intel 440LX chipset supports several ground-breaking technologies.



• AGP (Accelerated Graphics Port)

This is a point-to-point connection that allows arcade quality 3-D graphics to bypass the PCI bus. The result is a dramatic increase in system performance. It's the latest evolution in video technology, leaving PCI graphics as a thing of the past.

With AGP, the graphics accelerator can directly access main memory for texture data. This frees up the Pentium® II processor to do the job it was designed for – and that includes supporting richer content, providing better support for multi-player games and enabling realistic 3-D sound to optimise the PC user experience. Moving graphics off the PCI bus to AGP also frees PCI bandwidth for other I/O applications.

• SDRAM

The Intel 440LX chipset supports SDRAM on a Pentium® II processor motherboard for the first time. SDRAM gives higher performance than EDO-based systems – so now you can release the full power of your Gateway 2000 G6 or GP6 system.

• Ultra ATA

This allows Hard Drives to transfer data at 33 Mbs – which is up to twice their current rate. The Intel 440LX chip set supports the Ultra ATA Standard without the requirement for expensive additional hardware.

• Larger capacity Hard Drives

Gateway 2000's Ultra ATA Hard Drives range from 2GB, 4GB and up to a massive 8GB – enabling superior storage capacity.

The latest components. The absolute cutting edge in PC technology. Gateway 2000 brings them to you today.

MMX™ intel inside® pentium® II PROCESSOR

GATEWAY2000

"You've got a friend in the business."®

1-800 500 792

gw2k.com.au

No more excuses!

Students love this typing tutor

Now there's a new typing tutor that has students touch typing in ten hours. It even comes with a money-back guarantee! It's called Success With Typing and it's from Typequick, the makers of Australia's best-selling typing tutor.

TYPE FASTER, LEARN SMARTER.

Learning to type properly will save students hours of study time when keying in assignments and improve their presentation. They'll be able to use the computer more efficiently and become a far more attractive job prospect!

SUCCESS WITH TYPING MAKES LEARNING A BREEZE.

This superb typing course is an interactive multimedia adventure that takes students on a tour of Australia with Kewala - the cool koala. As they travel, they'll learn how to type using proven methods that guarantee results.

OVER A MILLION USERS.

Typequick's famous structured course with its instant feedback and brilliant Active Learning Techniques is used by thousands of schools, colleges and universities around the world. Ask about our academic licensing.

INDIVIDUALLY TAILORED LESSONS.

Students learn at their own pace, see their progress as they go gaining an important sense of achievement and confidence.The compelling, interactive multimedia story and text exercises are so much fun, students have no trouble finishing the course. We even include a free Parents Guide and TQ helper.

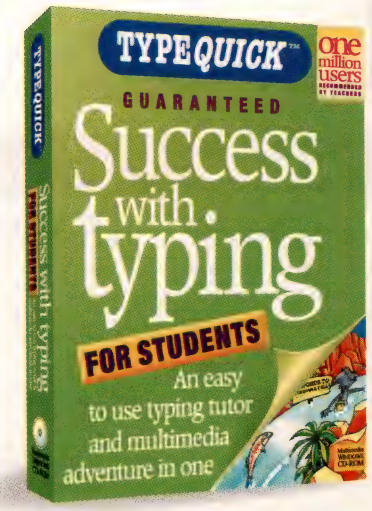
TYPEQUICK™

FAX (02) 9499 2247
POST Typequick, PO Box 72, Gordon NSW 2072
FREE CALL 1800 808 078
INTERNET http://www.typequick.com.au

NSW Vocational Education & Training Accreditation Board
Australian National Training Authority
Multimedia Windows CD-ROM

☐ YES! Send me a paper on the advantages of touch typing.
☐ YES! I need this course. Please contact me.
☐ YES! Call me to discuss academic licensing.

Name _____
Position _____
Address _____
Postcode _____
Phone (____) _____
Fax (____) _____
email _____



TEACHERS RECOMMEND IT!

A giant step forward in typing tutorial programs
Peter Rowan, M.Ed, Vic

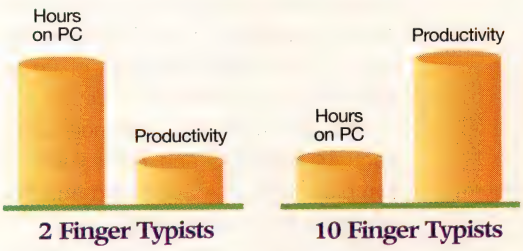
CRITICS RAVE ABOUT IT!

This is more than a typing tutor, it's an interactive movie with sensational animation and witty prose.
Cathy Kennedy, APC, July 1997

Typequick has revolutionised learning to touch type ... it's the easiest and most amusing way to increase your keyboard skills and productivity
Linda Bruce, The Australian, July 5, 1997

PARENTS LOVE IT!

My kids love the course. Joshua is already at 25 wpm and Rachel is at 16 wpm.
Sue Higgs, MiddlePark, Qld.



10-finger typists are four times as productive as 2-finger typists.

Flatbed scanners: *How they rate*

	Ease of installation	Image quality	OCR quality	Bundled software	List price	Overall value
Artec Viewstation AT6	★★ ½	★★ ½	★★	★★★ ½	★★★★	★★ ½
Canon CanoScan 600	★★ ½	★★★★	★★★	★★ ½	★★ ½	★★★
Hewlett-Packard ScanJet 5P	★★★	★★★★ ½	★★★ ½	★★ ½	★★★	★★★ ½
Microtek ScanMaker E6	★★ ½	★★	★★ ½	★★	★★ ½	★★
Mustek Paragon 1200SP	★★ ½	★★	★ ½	★★ ½	★★ ½	★★
Plustek OpticPro 9630P	★★★	★★ ½	★★★	★★★	★★★★	★★★
Primax 4800 Direct	★★★	★★	★★	★★	★★★★	★★ ½
Spot Scantac-2c	★★ ½	★★★	★★ ½	★★ ½	★★★★	★★★

Ease of installation takes into account having to install a card into the PC, overall instructions and how easy it is to set up the scanner ready for use.
Image quality is based on our February 1997 cover scan.
OCR quality is based on the scanner and OCR's ability to retain formatting, font and correct character recognition.
Bundled software looks at the quantity and quality of the accompanying software.
The overall value is a weighted average with more weight given to image and OCR quality.

Hewlett-Packard ScanJet 5p

The verdict: Our Best Buy, this unit produces an excellent scan despite only having a 300dpi scanning engine. Combined with very good OCR, and image-editing, the ScanJet 5p is the one we recommend.

keeping much of the font and format information, however, strangely threw in a couple of words in bold typeface.

Overall, despite some little niggling features, the Canon CanoScan 600 is an excellent choice and well worth a look for both business and home.

Hewlett-Packard ScanJet 5p

Once having the market to itself, Hewlett-Packard has come up with an excellent return-of-fire to the increasing range of low-cost scanners on the market with the ScanJet 5p. This SCSI-based unit has an interpolated resolution of up to 1200dpi at up to 24-bit colour depth.

The 5p is also one of the more compact A4 scanners and comes with a Symbios 16-bit ISA SCSI card and 50-pin cable (honda connector).

The Visioneer Paperport software proved to be highly capable in both image scanning and OCR, where the latter produced very good results in light of the competition. Using an OmniPage plug-in, the ScanJet 5p's OCR managed to retain all of the formatting from the original document with only a few missed characters.

Our cover image scan was excellent. Even when scanned at a lower 100dpi resolution, the image contained none of the problems most of the other units had with the yellow colour. While the scanning software is a little simplistic, it's hard to complain when it produces as clear an image as you can see on this month's cover CD.

One innovative feature is the location of the transport lock. Designed to ensure that the scanner doesn't rattle to bits when moved, the lock is located just in front of the power socket. This lock must be released before the power cable will fit. That's good design.

Priced on the street at around $600, the ScanJet 5p is arguably the best scanner you'll find for under $1000. One of the few scanners that performs image scanning and OCR equally as well, this unit is our Best Buy. Ideal for both home and office.

Hewlett-Packard ScanJet 5P

Optical resolution: 300 x 300dpi
Interpolated (or enhanced) resolution: 1200 x 1200dpi
Colour depth: 24-bit colour, 8-bit greyscale
Interface: SCSI-2
Bundled software: Visioneer Paperport (includes OmniPage technology for OCR)
From: Hewlett-Packard Australia 13 13 47
List price: $599 inc. tax

$2500 Pentiums

Darren Yates takes a look at Compaq's new Pentium and compares it against his top five PCs.

Compaq Presario 4220

It's true to say that we weren't overly rapt with the Presario 2200, Compaq's $1999 entry-level desktop PC (reviewed September '96, page 26).

One step up from the 2200 is the Presario 4220. Built into the same sleek case but costing $2499, the 4220 is the first of Compaq's new line-up that includes a Pentium MMX processor.

One obvious improvement over the 2200 is the inclusion of a separate Cirrus Logic 5446-based graphics controller. The 2200 uses Cyrix's new MediaGX processor, which combines memory, graphics and sound functionality all within a two-

WIN A CHANCE TO SHOWCASE YOUR BUSINESS SOFTWARE AT THE WORLD'S BIGGEST COMPUTER TRADE FAIR.

THE SMALL BUSINESS SHOW

9

The Nine Network's Small Business Show 3rd Annual Software Awards offers the chance to showcase your software at next year's CeBIT computer trade fair in Germany. The awards are open to developers on all major platforms. This year there are three categories.The main category is aimed at finding Australian products with universal potential. The Internet category is for Australian internet software applications. And a special category has been created for specifically Australian applications. Entries close at 5pm on November 10.

AUS TRADE
AUSTRALIAN TRADE COMMISSION

First Prize

First prize includes a stand at CeBIT, the world's largest computer trade fair with the full backing of Austrade, $10,000 in cash from the Commonwealth Bank and an Apple dual platform Power Macintosh 7300/200, valued at $6,000, two return flights to Germany, courtesy of The Travel Specialists, to attend CeBIT and a copy of Microsoft Small Business Server.

The runner-up will win $5,000 in cash from the Commonwealth Bank and a multi-media computer from Optima Computer Technology valued at $2,500 plus .

Commonwealth Bank

Microsoft

travel.com.au
THE TRAVEL SPECIALISTS

Australian and Internet Categories

The Internet and Australia-specific categories winners will each receive $2,500 from the Commonwealth Bank and a copy of Microsoft Visual Studio.

Each finalist in all three categories will receive a copy of Microsoft Office '97 Small Business Edition, Netscape Communicator Professional Edition, plus two CD-ROMs from Webster Publishing: The World Encyclopedia and The History of Australia.
And every entrant will get an OzEmail Small Business Internet pack to get your business online.

NETSCAPE

OzEMAIL

OPTIMA
COMPUTER TECHNOLOGY

WEBSTER
PUBLISHING

Entry Guidelines

(Please ensure you read and understand these guidelines)

1. The Small Business Show Software Awards are open to Australian software companies and software developers of business applications. Subsidiaries of overseas companies or their employees are not eligible.
2. The awards are open to all major platforms: Windows, Mac O/S, Unix and OS/2.
3. Each entry must include the entry form, a full operating set of the software and any appropriate manuals or support materials. You may send a demonstration disk in addition to the full operating software for information purposes only. However, it will not be considered for the judging process. Internet applications must be submitted on 3.5 inch disks or a CD-ROM.
4. The Small Business Show reserves the right to retain each entry software package for consideration for future stories for the program and therefore will not be returned to the entrant. For this reason we suggest that each entrant ensures they retain original disks and manuals.
5. Entries must be received by The Small Business Show no later than 5pm, Monday, November 10. This is an absolute deadline. Entries received after this date will be ineligible for judging.
6. All individuals and companies who entered the Awards in 1995 and 1996 are eligible to enter again this year.
7. Employees of the Nine Network and Australian Consolidated Press or any associated companies and their families are ineligible to enter the competition.
8. The software will be judged on its functionality, local and international market potential beginning with ease of loading, its system requirements and performance. Ultimately, for the first prize the judges are seeking a product with worldwide market potential.

A representative of The Small Business Show or the judging panel will contact you if further information is necessary.

Entries close strictly at 5pm., Monday, November 10. All entries are maintained under strict security. The finalists will be announced on the Nine Network's The Small Business Show on Sunday, November 30. The winner will be announced on Sunday, December 7. Send your entry to: Software Awards, The Small Business Show, Nine Network, P.O. Box 27, Willoughby, NSW 2068

Entry Form

Full name of applicant/business: _____

Name of software package: _____

Format/platform: _____

Business Address: _____

_____

Tel:Fax: _____

Contact name: _____

Entry category: Main ☐ Main & Internet ☐ Australia-Specific ☐

Name/s of developers: _____

_____

Time frame and Location of development. _____

Is software package on the market (tick answer) YES ☐ NO ☐

Brief description of software package, its application and the market for which it has been created: _____

_____

_____

_____

_____

Declaration: I/we agree to accept the entry criteria set for the Business Software Awards and that the decision by the judging panel is final.

Managing director/general manager/director (print name and sign)

Signature: _____

Date: _____

Desktops

CPU	386SX/20	386DX/33	486DX2/66	486DX4/100	Pentium 60	Pentium 75	Pentium 90	Pentium 100
Detail	4Mb RAM, 80Mb HDD, 1.44 Mb FDD, 14in EGA mon	8Mb RAM, 120Mb HDD 1.44Mb FDD, 14in VGA mon	8Mb RAM, 270Mb HDD, 1.44Mb FDD, 15in SVGA mon	8Mb RAM, 500Mb HDD, 1.44Mb FDD, 14in SVGA mon	8Mb RAM, 540Mb HDD, 1.44Mb FDD, 15in SVGA mon	8Mb RAM, 540Mb HDD, 1.44Mb FDD, 15in SVGA mon	8Mb RAM, 540Mb HDD, 1.44Mb FDD, 15in SVGA mon	8Mb RAM, 800Mb HDD, 1.44Mb FDD, 15in SVGA mon
Low	$20	$50	$325	$350	$400	$400	$450	$500
High	$50	$100	$475	$500	$550	$550	$600	$650

Laptops

Brand	Toshiba T1200XE	Toshiba T1600	Tosh. T2000SX/40	Toshiba T2200SX	Tosh. T3100SX/80	Toshiba T3200SX	Toshiba T5100	Toshiba T5200
Detail	1Mb RAM, 20Mb HDD, mono	1Mb RAM, 20Mb HDD, mono	4Mb RAM, 40Mb HDD, mono	4Mb RAM, 80Mb HDD, mono	4Mb RAM, 80Mb HDD, mono	4Mb RAM, 40Mb HDD, mono	4Mb RAM, 40Mb HDD, mono	4Mb RAM, 40Mb HDD, mono
Low	$30	$30	$100	$150	$50	$100	$50	$50
High	$50	$50	$150	$200	$80	$130	$100	$150

Brand	Toshiba T1910CT	Toshiba T400CDT	Toshiba T610CT	Toshiba T720CDT	IBM Thinkpad	Compaq Contura	Compaq Contura	Ipex 66A
Detail	486DX/33, 8Mb RAM, 120Mb HDD, mono	Pentium 75, 8Mb RAM, 800Mb HDD CD-ROM, active col.	Pentium 133, 8Mb RAM, 720Mb HDD active colour	Pentium 133, 16Mb RAM, 1.2Gb HDD, 6X CD, active col.	486SL25, 12Mb RAM, 270Mb HDD mono	486SX/25, 4Mb RAM, 120Mb HDD, mono	486DX2/66, 4Mb RAM, 120Mb HDD, mono	486DX2/66, 8Mb RAM, 235Mb HDD, active colour
Low	$400	$1100	$1400	$2000	$200	$200	$350	$650
High	$550	$1440	$1600	$2300	$275	$275	$450	$800

Printers

Brand	HP DeskJet	HP DeskJet 340	HP LaserJet II	HP LaserJet III	HPLaserJet IIID	HP LaserJet 4	HPLaserJet 4M	Gestetner GLX800
Low	$50	$150	$75	$80	$100	$200	$400	$50
High	$70	$250	$150	$120	$150	$300	$600	$125

Brand	Canon LBP8111	Canon LBP8-IV	Canon BJC 800	Canon BJ 330	Canon BJ 210C	Canon BJ 200	Canon BJ 10SX	Epson Stylus Pro
Low	$150	$175	$125	$50	$100	S50	$30	$100
High	$250	$300	$175	$100	$150	S80	$50	$150

Hard drives

Brand	HD270	HD420	HD540	HD100
Detail	270Mb	420Mb	540Mb	1Gb
Low	$50	$70	$90	$100
High	$80	$100	$130	$150

Modems

Brand	MOD288	MOD336
Detail	Fax/modem 28.8Kbps	Fax/modem 33.6Kbps
Low	$40	$60
High	$70	$80

Monitors

Brand	14V	14S	MON14D	MON15S	MON15D
Detail	14in VGA	14in SVGA	14in digital monitor	15in SVGA	15in digital monitor
Low	$40	$70	$100	$100	$130
High	$70	$100	$120	$150	$160

CPU chips

Brand	486DX4/100
Detail	Intel DX4/100
Low	$40
High	$50

Net Pulse

Who's on the Net

The Internet has come a long way from its roots in government and educational institutions. No-one can doubt that private enterprise is now driving the Net, as the breakdown of registered Australian domain names emphatically illustrates. According to Blue-Tongue Multi-media (www.bluetongue.com/domainnames/info.html), commercial sites with the .com.au extension accounted for 81 per cent of the total number of .au sites, as at August 19, 1997.

For the record, the breakdown was: com — 24,857; net — 2227, edu — 1020; gov — 832; org — 1064; oz — 206; asn — 350; id — 11; and csiro — 105. A total of 30,672. ❑

Combining the ultimate technology in the ultimate PC — the G6-300XL.

Gateway 2000 introduces the ground-breaking G6-300XL – setting the standard in high-end performance PCs. It harnesses all the brand new technology in one all encompassing package. With the G6-300XL, you're staring down the barrel of the 21st Century!

HOT TECHNOLOGIES INCLUDED...

- **Intel 300MHz Pentium® II Processor with 512K Integrated Cache**
  The fastest processor in the range is now included in Gateway's Pentium® II processor line up. It's perfect for high-end use, including computer-aided design, programming and multimedia driven programs. Processor and Cache on Single Edge Contact Cartridge, Intel Designed ATX form factor motherboard, Intel 440LX chipset.
- **64MB SDRAM DIMM**
  One 64MB module, 2 open sockets, expandable to 384MB.
- **6.4GB Ultra ATA Hard Drive**
  This huge storage device provides transfer speeds up to 33.3Mbs, Ultra DMA/33, 6400MB formatted capacity.
- **4MB nVidia AGP Graphics**
  Point to point connection that allows information, including 3-D arcade quality graphics, to bypass the PCI bus giving unparalleled performance – 4Mb SGRAM, nVidia Riva 128 Chipset.
- **Min 12x/Max 24x CD-ROM Drive**
  All Gateway 2000 G and GP Series PCs come standard with a 12x/24x CD ROM. This drive has a maximum transfer rate of up to 3600Kbytes/sec.
- **Ensoniq Wavetable Audio**
  Wavetable sound with up to 32 simultaneous voice polyphony, 90dB typical signal to noise ratio, Microsoft Direct Audio Compatible.
- **Speakers**
  Altec™ Lansing Dolby Surround Speakers with Subwoofer. This high-end three-piece sound solution will intensify your multimedia experience.
- **19" Colour Monitor**
  This large format monitor has a 19" screen with only a 17" footprint. It provides stunning graphics with a .26 Screen Pitch and enables more to be displayed on screen at any given time.
- **Full-size 11-Bay Tower Case**
  Expandability will never be an issue.
- **Microsoft Intellimouse**
  Rolling Ball between buttons allows scroll, pan and zoom.

$5999 inc Tax

Extra Value

Service and Support

At Gateway 2000 we believe in building a relationship well beyond the sale. That's why we offer:

- Lifetime toll-free technical support for all PCs and operating systems.
- Three-year limited warranty for all desktop, tower and portable systems.
- One-year discretionary on-site service for all desktop systems.
- Special upgrade options for enhanced service including three-year on-site service and hardware installation.
- 30-day customer satisfaction guarantee.

Software Select Packages

Gateway 2000 offers a choice of quality and fun-packed software.* Choose from:

- **Package A: Microsoft Generations Software**
MS Money 5.0, MS Encarta® 97, MS Cinemania® 97, MS Julia Childs Cooking, MS Music Central 97, MS Wine Guide.
- **Package B: Games Pack**
Al Unser Jnr Arcade Racing,™ 3D Ultra Pinball,™ Buried in Time 2,™ Greg Norman Golf,™ Terminal Velocity,™ Descent™ – Destination Saturn.
- **Package C: Australian Educational Pack**
Webster Software: Encyclopedia of Australia 96, Great Barrier Reef, Exploring Nature, Aussie Adventure Activities, Aussie Birds, Aussie Reptiles & Frogs, Aussie Mammals. Oz on Disc TELEROM. Australian Sports & Adventure MPEG.

Training

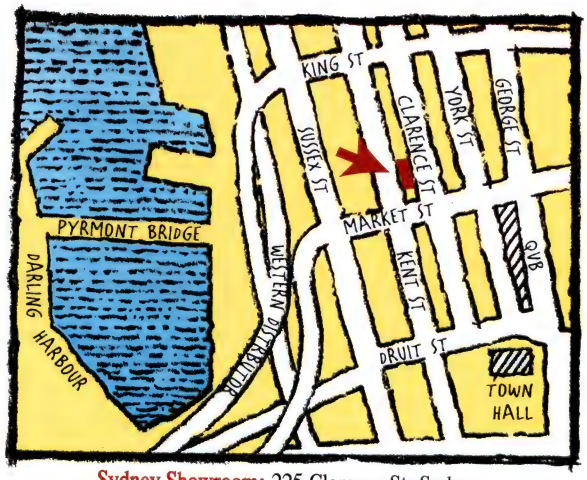
When you purchase a Gateway 2000 PC, you're able to take advantage of a range of fantastic training offers. Ask us for details.

Finance Options

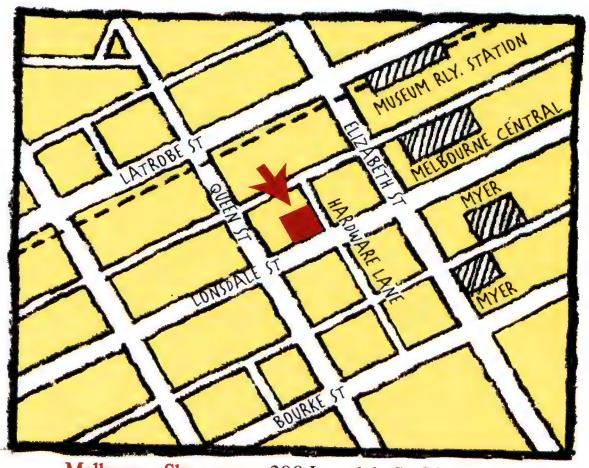
Gateway 2000 offers flexible financing options to both consumer, corporate and Government customers. These options allow you to acquire your PCs with a low monthly fee – rather than an upfront capital expenditure outlay. Call us today for further information and details of the terms and conditions.

intel inside pentium PROCESSOR

* Packages subject to change without notice or obligation.



Sydney Showroom: 225 Clarence St. Sydney



Melbourne Showroom: 398 Lonsdale St. Melbourne

Brisbane Showroom: Shop 3, 47-79 Elizabeth St. Brisbane

Business Hours: Mon-Fri, 9.30am-6.00pm Sat, 9.00am-5.00pm

GATEWAY2000

"You've got a friend in the business."®

1-800 500 792

gw2k.com.au

Portables with punch

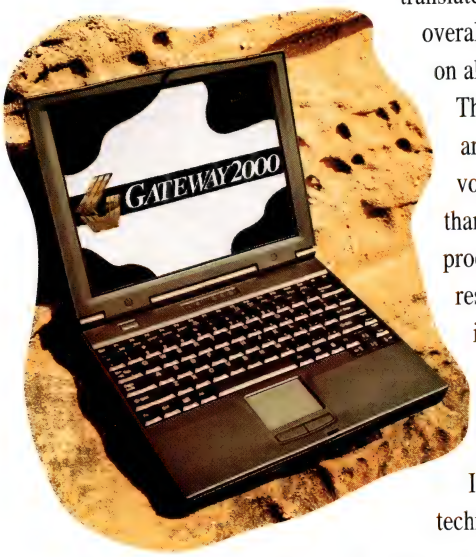
When we set out to develop our Solo notebooks, common modularity was high on our list of priorities.

As a result, the Solo 2300 and 9100 notebooks share industry-standard compatibility, including batteries, removable hard drives, AC adapters, SDRAM memory modules as well as mini and full-docking stations.

Gateway 2000's portable range features the absolute latest in technology.

New this month on Gateway's Solo range are Intel's latest mobile processors, the 200MHz and 233MHz Pentium® processors with MMX™ technology. These new processor speeds mean portable users no longer need to sacrifice processing power for mobility.

Both these processors incorporate larger cache (32K) which translates to increased overall performance on all applications. These processors are also lower in voltage (1.8v) than previous processors, resulting in increased battery life. And, of course, they both feature Intel's MMX™ technology.



Gateway 2000 Solo 2300

This workhorse platform is available in a range of processors - from the cost-effective 133MHz Pentium® processor to the powerful 233MHz Pentium® processor with MMX™ technology - perfect for fast-action functionality on the move.

Every Solo 2300 features SDRAM industry standard modules, a 128 bit video accelerator, integrated 16 bit sound with stereo speakers, carry cases and a USB port. And to protect you from obsolescence resulting from the memory hungry software of the future, every Solo 2300 is expandable to 192MB memory.

Gateway 2000 Solo 9100

Gateway's Solo 9100 range offers a no-compromise solution to the high-end portable user.

The Solo 9100 has picked up prestigious Editor's Choice Awards in leading Australian PC publications for its cutting edge components bundled in an extremely competitive package.

The Solo 9100 has been designed to take advantage of the wealth of multimedia applications coming onto the market.

The 13.3" XGA screen is supported by 4MB EDO VRAM delivering 65,000 colours and up to 1024 x 768 resolution. There's also fully integrated Yamaha Wavetable 16-bit sound with stereo speakers to enhance sound quality.

The Solo 9100's combination 1.44MB 3.5" disk drive/10x average CD ROM drive module provides the user with increased flexibility and improved ease of use. At the top of the range the Solo 9100 including the 233MHz Pentium® processor with MMX™ technology, comes standard with a massive 5GB removable hard disk drive.

The Solo 9100 gives you the freedom to work wherever and whenever you want.

Interact on the Internet

The Gateway 2000 Website contains loads of information on the latest technology, and an update on what's happening around the world.

It also features the unique Gateway 2000 Configurator which allows you to custom build your ultimate PC on line. Try as many combinations as you like. Add and subtract options and get the exact price each time.

It's your choice. And you can have it whenever you want. Then, when you've built your perfect system, you can order on line too. Check our site out today.

Gateway 2000 Web Address

http://gw2k.com.au

Gateway GP-Series - Professional Systems

GP5-166

- Intel 166MHz Pentium® Processor with MMX™ Technology
- 16MB SDRAM Memory
- 512K Pipelined Burst Cache
- 2.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 2MB ATI SGRAM 3D Graphics Accelerator
- 15" NI Colour Monitor
- Desktop Case
- 104-Key Windows® 95 Keyboard
- Microsoft® Mouse
- Microsoft Windows 95

$1899 inc Tax

GP5-200

- Intel 200MHz Pentium® Processor with MMX™ Technology
- 32MB SDRAM Memory
- 512K Pipelined Burst Cache
- 2.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 2MB ATI SGRAM 3D Graphics Accelerator
- 15" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Desktop Case
- 104-Key Windows 95 Keyboard
- Microsoft Mouse
- Microsoft Windows 95
- MS Office 97, Small Business Edition+

$2499 inc Tax

GP6-233

- Intel 233MHz Pentium® II Processor
- 32MB SDRAM Memory
- 512K L2 Integrated Cache
- 4.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 4MB nVidia AGP Graphics
- 15" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Midtower Case
- 104-Key Windows 95 Keyboard
- Microsoft Intellimouse
- Microsoft Windows 95
- MS Office 97, Small Business Edition+

$3199 inc Tax

GP6-266

- Intel 266MHz Pentium® II Processor
- 64MB SDRAM Memory
- 512K L2 Integrated Cache
- 4.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 4MB nVidia AGP Graphics
- 17" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Midtower Case
- 104-Key Windows 95 Keyboard
- Microsoft Intellimouse
- Microsoft Windows 95
- MS Office 97, Small Business Edition+

$3999 inc Tax

Gateway G-series - Multimedia Systems

G5-166SE

- Intel 166MHz Pentium® Processor with MMX™ Technology
- 16MB SDRAM Memory
- 512K Pipelined Burst Cache
- 2.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 2MB ATI SGRAM 3D Graphics Accelerator
- 15" NI Colour Monitor
- Min 12x/Max24x CD-ROM Drive
- Ensoniq Wavetable Audio
- Altec™ Lansing Performance Amplified Speakers
- Desktop Case
- 104-Key Windows 95 Keyboard
- Microsoft Mouse
- 33.6 Kbit/s Data/Fax/Voice Modem and Speakerphone
- Telstra Big Pond Internet Kit with 30 hours' free access*
- Microsoft Windows 95
- MS Office 97, Small Business Edition+
- Epson Colour Inkjet Printer

$2599 inc Tax

G5-233

- Intel 233MHz Pentium® Processor with MMX™ Technology
- 32MB SDRAM Memory
- 512K Pipelined Burst Cache
- 4.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 2MB ATI SGRAM 3D Graphics Accelerator
- 17" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Ensoniq Wavetable Audio
- Altec™ Lansing Dolby Surround Speakers with Subwoofer
- Midtower Case
- 104-Key Windows 95 Keyboard
- Microsoft Intellimouse
- 33.6 Kbit/s Data/Fax/Voice Modem and Speakerphone
- Telstra Big Pond Internet Kit with 30 hours' free access*
- Microsoft Windows 95
- MS Office 97, Small Business Edition+

$3599 inc Tax

G5-200 - Intel 200MHz Pentium® Processor with MMX™ Technology, Desktop Case, 2.0GB, 15" Monitor and Altec™ Lansing Performance Amplified Speakers
$2699 inc Tax

G6-233

- Intel 233MHz Pentium® II Processor
- 32MB SDRAM Memory
- 512K L2 Integrated Cache
- 4.0GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 4MB nVidia AGP Graphics
- 17" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Ensoniq Wavetable Audio
- Altec™ Lansing Dolby Surround Speakers with Subwoofer
- Midtower Case
- 104-Key Windows 95 Keyboard
- Microsoft Intellimouse
- 33.6 Kbit/s Data/Fax/Voice Modem and Speakerphone
- Telstra Big Pond Internet Kit with 30 hours' free access*
- Microsoft Windows 95
- Microsoft Office 97, Small Business Edition+

$3999 inc Tax

G6-266 - Intel 266MHz Pentium® II Processor, 64MB SDRAM, 6.4GB Hard Drive, 19" Monitor
$4999 inc Tax

G6-300XL

- Intel 300MHz Pentium® II Processor
- 64MB SDRAM Memory
- 512 L2 Integrated Cache
- 6.4GB Ultra ATA Hard Drive
- 1.44MB 3.5" Diskette Drive
- 4MB nVidia AGP Graphics
- 19" NI Colour Monitor
- Min 12x/Max 24x CD-ROM Drive
- Ensoniq Wavetable Audio
- Altec™ Lansing Dolby Surround Speakers with Subwoofer
- Tower Case
- 104-Key Windows 95 Keyboard
- Microsoft Intellimouse
- Zip Drive and 100MB Zip Disk
- 33.6 Kbit/s Data/Fax/Voice Modem and Speakerphone
- Telstra Big Pond Internet Kit with 30 hours' of free access*
- Microsoft Windows 95
- Gateway Select Software Pack
- MMX technology-enabled software
- Microsoft Office 97, Small Business Edition+

$5999 inc Tax

Gateway Solo Series - Portable Systems

2300

- Intel 133MHz Pentium® Processor
- 16MB SDRAM (expandable to 192MB)
- 256K Pipelined Burst Cache
- 1.4GB Removable Hard Drive
- Modular 1.44MB 3.5" Diskette Drive
- 128 Bit Neomagic Video Accelerator
- 12.1" DSTN Passive Matrix Colour Display
- NiMH Battery Pack & AC Pack
- PCMCIA Slots – 2 Type II or 1 Type III
- EZ Pad Pointing Device
- Built-in Mic & Line-In Jacks
- Integrated Yamaha 16-Bit Sound with Stereo Speakers
- Parallel, Serial, fast Infrared, PS/2, ext. Video and USB ports
- Card Bus
- 85-Key MS Windows 95 Keypad
- Microsoft Windows 95
- Casual Carry Case

$2999 inc Tax

2300LS

- Intel 166MHz Pentium® Processor with MMX™ Technology
- 32MB SDRAM (expandable to 192MB)
- 256K Pipelined Burst Cache
- 2.1GB Removable Hard Drive
- Modular 1.44MB 3.5" Diskette Drive
- Modular 10-Speed (Avg.) CD-ROM Drive
- 128 Bit Neomagic Video Accelerator
- 12.1" SVGA Active Matrix Colour Display
- 12 Cell Lithium-Ion Battery Pack & AC Pack
- PCMCIA Slots – 2 Type II or 1 Type III
- EZ Pad Pointing Device
- Built-in Mic & Line-In Jacks
- Integrated Yamaha 16-Bit Sound with Stereo Speakers
- Parallel, Serial, fast Infrared, PS/2, ext. Video and USB ports
- Card Bus
- 85-Key MS Windows 95 Keypad
- Microsoft Windows 95
- MMX technology-enabled software
- Microsoft Office 97, Small Business Edition+
- Casual Carry Case

$4999 inc Tax

2300SE – Intel 133MHz Pentium® processor with MMX™ technology. 16MB SDRAM, 1.4 GB Hard Drive, Without Microsoft Office 97, Small Business Edition+
$4199 inc Tax

2300XL

- Intel 233MHz Pentium® Processor with MMX™ Technology
- 64MB SDRAM (expandable to 192MB)
- 256K Pipelined Burst Cache
- 4.0GB Removable Hard Drive
- Modular 1.44MB 3.5" Diskette Drive
- Modular 10-Speed (Avg.) CD-ROM Drive
- 128 Bit Neomagic Video Accelerator
- 12.1" SVGA Active Matrix Colour Display
- 33.6 Kbit/s Fax modem and Software
- Telstra Big Pond Internet Kit with 30 hours' of free access*
- 12 Cell Lithium-Ion Battery Pack & AC Pack
- PCMCIA Slots – 2 Type II or 1 Type III
- EZ Pad Pointing Device
- Built-in Mic & Line-In Jacks
- Integrated Yamaha 16-Bit Sound with Stereo Speakers
- Parallel, Serial, fast Infrared, PS/2, ext. Video and USB ports
- Card Bus
- 88-Key MS Windows 95 Keypad
- Microsoft Windows 95
- MMX technology-enabled software
- Microsoft Office 97, Small Business Edition+
- Casual Carry Case

$6999 inc Tax

2300 XL – Intel 200MHz Pentium® Processor with MMX™ Technology, 32MB SDRAM, 3.0 GB Hard Drive
$5999 inc Tax

9100XL

- Intel 233MHz Pentium® Processor with MMX™ Technology
- 64MB SDRAM (expandable to 192MB)
- 256K Pipelined Burst Cache
- 5.0GB Removable Hard Drive
- Modular Combo 10-Speed (Avg.) CD-ROM Drive and 1.44MB 3.5" Diskette Drive
- 4MB EDO VRAM
- 13.3" XGA Active Matrix Colour Display
- 33.6Kbit/s Fax Modem and Software
- 12 Cell Lithium-Ion Battery Pack & AC Pack
- PCMCIA Slots – 2 Type II or 1 Type III
- EZ Pad Pointing Device
- Built-in Mic & Line-In Jacks
- Integrated Yamaha 16-Bit Sound with Stereo Speakers
- Parallel, Serial, fast Infrared, PS/2, ext. Video and USB ports
- Card Bus
- 88-Key MS Windows 95 Keypad
- Microsoft Windows 95
- MMX technology-enabled software
- Microsoft Office 97, Small Business Edition+
- Deluxe Carry Case

$7999 inc Tax

Solo 9100 – Intel Pentium® 166MHz processor with MMX™ technology, 32MB SDRAM, 2.1Gb Hard Drive, without modem, casual carrying case **$5999** inc Tax

MMX™ intel inside pentium® PROCESSOR

GATEWAY2000

"You've got a friend in the business."®

1-800 500 792

gw2k.com.au

Our Sales hotline is open
Mon - Fri 9 a.m. to 5.30 p.m.
Saturday 9 a.m. to 2 p.m. EST.

©1997 Gateway 2000 Pty Ltd. ACN 070 538 751. EZ Pad, black-and-white cow spot design, "G" Logo, Family PC and "You've got a friend in the business" slogan are trademarks or registered trademarks of Gateway 2000, Inc. The Intel Inside logo, and Pentium are registered trademarks and MMX ia a trademark of Intel Corporation. All other brands and product names are trademarks or registered trademarks of their respective companies. All prices and configurations are subject to change without notice or obligation. Pictured PCs may vary slightly from final custom-configured product. All prices exclude handling & delivery. Call and ask for prices excluding tax. Payment options now include bank cheque on delivery of systems. * You will need a valid credit card to access the Big Pond service. 30 free hours must be used within the first month of registration. Normal Telecom charges apply. All systems sold subject to Gateway 2000 warranty terms and conditions.

RPG resurrected

Reviews

The role-playing game is well and truly back! Julian Schoffel plays the new thriller sequel to Lands of Lore.

Lands of Lore II: Guardians of Destiny

The PC games industry needs a good role-playing game. Why? Because the market has begun to stagnate: too many 3D Quake clones, a vast array of C&C copies — in short, a general lack of design innovation has led to a quagmire of unoriginality.

Under the banner of SSI, Westwood Studios developed the incredibly popular AD&D-based products Eye of the Beholder 1 and 2 back in the early '90s. This was followed by the original Lands of Lore a couple of years later.

Lands of Lore II (LOL2) has taken over three years to develop. It was initially scheduled for release in 1995, but, for a number of reasons, has constantly been pushed back. Until now that is. But has it been worth the wait? In a word, yes — read on to find out why . . .

Westwood seem to have a gift for creating beautiful games and LOL2 is no exception. Not surprisingly, the rendered cut-scenes are magnificent and blend in perfectly with the rest of the game, but what really sets LOL2 apart from many other RPG/adventure titles is the depth and complexity of the story-line along with a perfectionist's level of game detail. One of the biggest flaws of many contemporary 3D games (like Quake, for example) is the lack of any cohesive plot to sustain interest when played against the computer. While I am willing to admit that the emerging emphasis on the multiplayer feature does compensate for this (to some degree), there are still many of us who enjoy playing our games solo.

LOL2 is fairly impressive technologically: the 3D engine is quite solid, albeit not as spectacular as forthcoming titles like Hexen 2. But the area that differentiates it from other contemporary RPGs is the 'epic' feel to the game. If you've ever read *Lord of the Rings* and felt yourself being gloriously swept up in the mighty tide of events, then you'll understand what I'm talking about (of course, I'm not trying to suggest that LOL2 rivals Tolkien's modern classic — merely that it uses an historical backdrop to fill out the story).

You play Luther, son of the evil Scotia from the original Lands of Lore. You have inherited a curse from your mother: the ability to change shape. However, you are unable to control this magical ability. So the main quest consists of Luther's attempts to rid himself of this rather inconvenient condition. However, Luther's quest is set to the backdrop of a much bigger story concerning an evil God, Belial, who is attempting to resurrect himself. These narrative threads will obviously merge at some point in the game, with the fate of the world resting on Luther's shoulders.

While some 3D titles suffer from a certain repetitive quality in relation to the landscape — LOL2 is chock full of detail. Anyone who has played games like Eye of the Beholder or Daggerfall will remember that animated cut-scenes were used very sparingly to indicate an important plot develop-

Packed with detail

Lands of Lore II is possibly the best new RPG to be released in the last five years.

The mystic Draracle plays a pivotal role in the role-playing epic Lands of Lore II.

Lands of Lore II: Guardians of Destiny

Genre: RPG
Classification: TBA
Graphics: ★★★★ ½
Sound: ★★★★ ½
Gameplay: ★★★★ ½
Overall value: ★★★★ ½

System requirements: TBA
From: Westwood Studios
Distributor: Virgin (02) 9417 1322
List price: TBA

Role-playing games compared

Title	From	List price	System requirements	Description	Overall value
Daggerfall	Virgin Interactive Entertainment	$89.95	486DX2/66, 8Mb of RAM, 2X CD-ROM drive, 1Mb SVGA graphics card, DOS 6.0.	One of the better RPGs released lately, it features a huge gameworld with loads of detail.	★★★★
Diablo	Blizzard Software	$89.95	P60, 8Mb of RAM, Win 95, 2X CD-ROM drive, SVGA graphics card.	A first-rate action game with some RPG elements. As a multiplayer game it's unparalleled.	★★★★ ½
Lands of Lore: The Throne of Chaos	Westwood Studios	$19.95	386DX/40, 4MB of RAM, 2X CD-ROM drive, DOS 5.0.	An excellent introduction to the world of computer role-playing games.	★★★ ½
Ultima Underworld 1 & 2	Electronic Arts	$19.95	386DX/40, 4MB of RAM, 2X CD-ROM drive, DOS 5.0.	With smooth scrolling movement and rich story-lines, they can still cut it with many contemporary offerings.	★★★★ ½
Lands of Lore II: Guardians of Destiny	Westwood Studios	TBA	TBA	Quite simply the best role-playing game released in the last five years.	★★★★ ½

ment. The original LOL used these type of cut-sequences more often and they really served to add narrative structure to the game. LOL2 is much, much bigger than its predecessor and it uses even more cut-sequences, but not just as mere visual fluff. For example, at the start of the game Luther runs into some caves seeking refuge: when you look around the corner you can see the guards searching the caves with lanterns and hear them talking to each other — they aren't just anonymous sprites like those that populate the world of Quake. The game is absolutely full of this sort of detail. So while the levels are very large, they never get boring because the player knows they will be full of unique situations and characters.

The interface of the game is very simplistic leaving the main screen free from any obstructions. In the bottom right-hand corner there is a portrait of Luther, which reacts to certain situations, such as filling with water if Luther is drowning. Clicking on this portrait displays Luther's inventory and any available spells can be accessed from here as well.

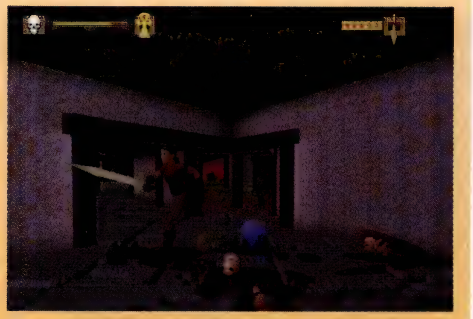
As I have already mentioned, LOL2 features over four hours of magnificent cut-scenes. While the rendered animations look superb, some of the acting is a tad shoddy. Thankfully the actor who portrays Luther is very good and on occasion, genuinely funny — particularly when he raises an eyebrow and cracks a corny joke.

The gameworld of LOL2 is populated by a vast array of monsters and they don't follow the age-old RPG practice of just standing around in a predefined area waiting to attack you: instead they roam freely around the place and will retreat when heavily wounded. While the combat interface consists of the usual pointing and clicking, there are plenty of spells to learn with some impressive associated effects. The 'Summon' spell is particularly amusing and involves conjuring a small Imp who then fights any enemies in the near vicinity. But if you use it when there is nothing to fight, the Imp gets cross and will complain bitterly before disappearing in a puff of smoke. Little touches like these add something special to the game.

One of the most interesting facets of LOL2 concerns Luther's curse. He changes into a huge shambling monster or a rat on a regular, but extremely unpredictable, basis. Obviously all of Luther's different forms have their advantages and disadvantages; for example, the rat can access small, cramped places, otherwise out of bounds. However, there are many moments in the game where an

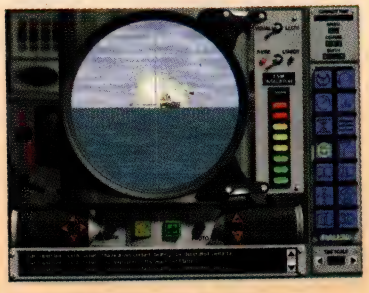
Spooky adventure

The graphics of Ecstatica II are striking to say the least.

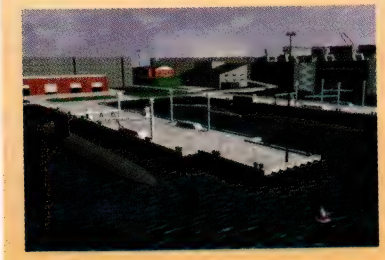


Ecstatica II is a spooky action/adventure from Psygnosis.

Complex sub sim



688 (I) Hunter/Killer is one of the best submarine sims to be released in recent years.



688 (I) Hunter/Killer is the complex and rewarding new submarine sim from Jane's Combat Simulations.

impromptu shape-shift can lead to disaster, such as in the Huline jungle level where a wooden bridge breaks under the strain of Luther's bigger (uglier) incarnation.

So while LOL2 certainly isn't a break-through title technologically speaking, it may be the first RPG to successfully come to terms with existing audio-visual standards. I found LOL2 to be the first title in years to awaken the excitement and suspense of disbelief, so integral to the RPG experience.

While the reviewed copy was very close to the final release, I feel it is important to note that 3D acceleration was yet to be fully implemented. If 3D support transforms LOL2 the way it did Tomb Raider and Quake, then I would quite happily give LOL2 a perfect score. In standard form the game comes very close anyway.

LOL2 is without a doubt the finest, most accessible RPG to be released in years.

Ecstatica II

Genre: Action/Adventure
Classification: M15+
Graphics: ★★★★ ½
Sound: ★★★ ½
Gameplay: ★★★ ½
Overall value: ★★★ ½

System requirements: P60, 16Mb RAM, double-speed CD-ROM drive, 1Mb SVGA graphics card, Windows 95
From/Distributor: Psygnosis (03) 9329 2999
List price: $89.95

Wicked humour

Ecstatica II

Ecstatica II (E2) follows in the footsteps of action/adventure titles like Alone in the Dark and, more recently, Tomb Raider. Those of you who played the original game will find yourselves in very familiar territory: once again the action takes place in a not-so-deserted village beset by a variety of foul demon-spawn and other unsavoury creatures.

Firstly, I should probably comment on the game's superb visuals: unlike many similar games, E2 uses SVGA, elliptical graphics instead of traditional polygons. This creates much smoother looking character animations and gives the whole game a very distinctive appearance. The backdrops are also stunning, successfully invoking an uncanny medieval ambience.

A technique pioneered by the creators of Alone in the Dark, shifting camera angles make a return appearance in E2. While this adds a certain amount of variety to the visuals, it also means that combat can be an exercise in sheer frustration. Having your character suddenly disappear when he gets punched around a corner can be extremely annoying to say the least . . .

And since I'm on the subject of combat, I'm happy to report that the vile beasties which populate E2 are just as appealingly revolting as those of the original game: the player must contend with flying demons, orcs and a large assortment of other drooling, gibbering sword fodder. Thankfully your character has a fairly comprehensive array of stylish fighting moves and acrobatic manoeuvres to dispatch them with. For the more cerebral gamers among you, I should probably mention that E2 is not totally combat-driven and there are loads of puzzles which must be solved to progress further into the game.

On a downside, the seemingly random generation of monsters can be a little tedious at times and to be honest, many of the puzzles do merely consist of finding object Y to access room X.

Still, E2 is a very large and challenging game with some striking visuals and a wicked sense of humour. However, parents should probably be warned that the game contains more than a little gore and violence.

688 (I) Hunter/Killer

Genre: Submarine sim
Classification: G
Graphics: ★★★ ½
Sound: ★★★
Gameplay: ★★★★
Overall value: ★★★★

System requirements: P90, 16Mb RAM, quad-speed CD-ROM drive, 1Mb SVGA graphics card, Windows 95
From/Distributor: Electronic Arts (02) 9955 7744
List price: $89.95

Submarine sim

688 (I) Hunter/Killer

Like its flight sim counterparts, the submarine simulation has proven incredibly popular with PC combat jocks over the years. However, until now just about every offering has fallen short of the mark in some area; for example, realism was compromised by gameplay or vice versa. The latest submarine title from Jane's Combat Simulations, 688 (I) Hunter/Killer, may be about to change all of this.

From the outset I should probably state that I am no submarine fanatic. So in preparing this review I not only had to examine the game, but I also took the

KKnD Xtreme

Genre: Real-time strategy
Classification: M15+
Graphics: ★★★★ ½
Sound: ★★★ ½
Gameplay: ★★★★ ½
Overall value: ★★★★ ½

System requirements: P75, 16Mb RAM, double-speed CD-ROM drive, 1Mb SVGA graphics card, Windows 95
From: Melbourne House
Distributor: Electronic Arts (02) 9955 7744
List price: $89.95

time to check some of the expert feedback on 688 in related Internet newsgroups, such as comp. sys.ibm. pc.games.naval and the general consensus appeared to be very positive.

In 688 the player takes control of a nuclear attack submarine, which is, not surprisingly, a little trickier than driving the family car. The game comes with a huge manual (nearly 300 pages), which should give you some indication of the complexities involved. Like most of the combat sims released under the Jane's banner, 688 was actually designed by experts in the field.

Players can either choose from a variety of single missions or may opt to try campaign mode. Jane's have also included a custom mission builder, which adds further interest and longevity to the game. Apart from the prodigious manual, there is also a wealth of online material providing valuable information about the 688 and its potential adversaries.

Naturally it requires more than one man to operate one of these juggernauts, and various tasks can be turned over to computer control at any given time. Missions consist of hunting and destroying enemy subs, taking out surface vessels, cruise missile strikes etc. Rest assured that just about every conceivable scenario is covered.

While the visuals of the game aren't going to win any prizes, they are more than compensated for by the obvious depth and attention to detail. There are even network, modem and Internet multiplayer options for what can only be described as the aquatic equivalent of 'Deathmatch' sessions.

So if you've been waiting for a decent submarine sim, 688 certainly appears to deliver the goods. Highly recommended.

Oz C&C clone

KKnD Xtreme

There are umpteen Command & Conquer clones on the market, and to be fair, many of them are extremely good, but only one should be of particular interest to Australians — Krush, Kill and Destroy (KKnD). Why? Because it was designed right here by the folks at Melbourne House down in (surprise, surprise) Melbourne.

For those of you who haven't played the original KKnD, the story-line goes something like this: after a devastating nuclear war, two factions of survivors duke it out for control of the surface. The factions themselves consist of the humanoid 'Survivors' and the genetically altered 'Evolved'.

General gameplay is almost identical to that of C&C or Red Alert, but there are also plenty of unique features which make KKnD a great title in its own right. For starters, the game boasts excellent AI (artificial intelligence), which means that computer-controlled opponents will retreat when heavily outnumbered. It is also nice to hear authentic Australian accents in the cut-scenes between missions, along with plenty of dry, laconic Aussie humour (make sure you read the text on the right side of the screen during mission briefings and de-briefings and you'll see what I mean . . .).

KKnD Xtreme is a special edition of the game, which features 20 new missions (along with the 30 missions of the original), Kaos mode, five huge, new multiplayer maps, native Windows 95 support, along with plenty of gameplay and interface improvements.

The new missions are, to say the least, 'Xtremely' hard. Players will have to contend with computer-generated air-strikes and multiple enemies. Thankfully you will also, on occasion, have computer controlled allies to make your life a little easier (and perhaps a little longer . . .).

Kaos mode is a new feature, which allows you to play multiplayer maps in single-player mode. Kaos games consist of six teams: five computer-controlled, with two of them fighting on your side. All of the standard multiplayer options are available in Kaos mode.

The game designers have also tweaked the interface, including some much needed features like a message function for talking to (or abusing) other players in multiplayer games and a few extra keyboard shortcuts, such as the ability to centre the map on your base by pushing Enter.

KKnD Xtreme is a native Windows 95 title which translates into faster game speed. A lot of work has also been put into squeezing extra performance out of network or modem games.

A game of this quality makes me proud to be an Australian (cue national anthem . . .). If you've played Red Alert to death and you need another real-time strategy fix, then KKnD Xtreme is just what the doctor ordered. And if you're already a KKnD veteran, the new missions and gameplay enhancements definitely justify adding it to your collection. Highly recommended.

Pretty graphics

Hard Core 4x4 is a pretty but flawed truck racing game.

Not much core

Hard Core 4x4

Like Monster Truck Madness, Hard Core 4x4 is all about racing obscenely big trucks around ridicu-

SABRE ACE

CONFLICT OVER KOREA

The only Flight Sim on the market capturing the intensity of flying an actual military aircraft during a war while executing strategic, historically accurate, combat missions from a real US conflict

Mig-15, YAK-9, F-51 Mustang, F80 Shooting Star, F-86 Sabre

• 45 player missions • high resolution 3D graphics

• multiplayer mode • realistic terrain

BROKEN SWORD II

THE SMOKING MIRROR

Be immersed into a mysterious world of bold adventures, brutality and immorality

9/10

Edge Magazine

One false step could mean instant death!

A game that can only be conquered by a cool head

The sequel to the highly acclaimed Broken Sword: Nights of the Templar

• 60 diverse characters • 60 items • 2 Cd's

• 60 hours of challenging gameplay

Virgin INTERactive

Windows 95

PC CD ROM

M15 anticipated rating

© 1997 Virgin Interactive, Australia. All rights reserved. Broken Sword is a trademark of Revolution Software Ltd.
Virgin is a registered trademark of Virgin Enterprises Ltd.

Previews: *Interstate sequel & Myst-style adventure*

Interstate '77

From: *Activision (02) 9869 0955*
Expected release date:
February/March 1998

The success of Interstate '76 was something of an enigma: here was a game which celebrated all of the cheesiest, corniest facets of the decade many of us would like to forget — the 1970s. But there was definitely something extremely appealing about the collection of afros and large medallions because Activision are putting together a sequel, or to be more accurate, a prequel.

Interstate '77 will feature 20 new missions for single-player mode. Many of the original characters will make a return appearance, including Skeeter, Taurus and Jade Champion (yes, I know she's dead but this is a retrospective game . . .). Surprisingly, the king of cool (and I use the word very loosely), Groove Champion, only plays a small part in proceedings.

Interstate '77 continues the proud tradition of its cool predecessor.

Interstate '77 pays homage to the decade many of us would rather forget.

Many players complained about the high system requirements of the original game and Activision has worked to address this in the sequel. Interstate '77 should run pretty smoothly on a P90 and 3D accelerator support will be available straight out of the box via Direct 3D.

The multiplayer feature of Interstate '76 proved extremely popular but was somewhat spoilt after the emergence of hacked cars. Interstate '77 will include 30 new multiplayer scenarios and Activision has also incorporated a validation code to put a stop to the cheating.

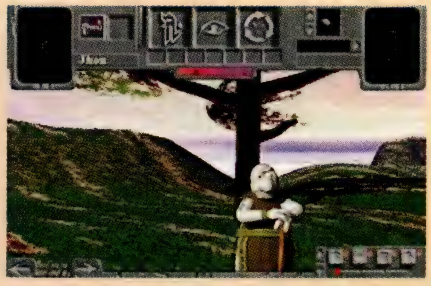
All in all we're looking forward to it.

Azaria

From: *Singularity*
Expected release date:
October/November 1997

Azaria is a graphic adventure from a Texas-based developer called Singularity. The game has been compared to Myst, however, Azaria differs from Myst in one particular area — it includes a multiplayer component.

Azaria uses Singularity's trademarked Massplay technology, which will allow players to socialise and interact together within the gameworld via a network. While this adds a role-playing facet to the game, players can rest assured that Azaria is first and foremost a single-player title.



Azaria is new graphic adventure very much in the Myst vein.

Azaria is a Myst-style adventure, which incorporates a multiplayer element,

The game is set on the tiny moon of Azaria where two ancient cultures coexist: the Etnoc and the Nillet. The Etnoc live in an urban environment based on technological advances and mechanisation; the Nillet embrace a ritualistic religion that teaches that they are the protectors of the land. Regardless of the character you select, your ultimate goal is the same: reunite the Etnoc and Nillet, who became totally isolated from each other during a calamitous 1000-year upheaval in the distant past known only as the 'dark period'.

Azaria is viewed from a first-person perspective, but freedom of movement is somewhat limited — following the predefined paths of games like Dragon Lore. As the screenshots indicate, the 16-bit graphics are quite impressive.

compiled by Julian Schoffel

lously exotic courses. This unlikely scenario obviously holds a certain amount of appeal because every man and his dog currently appears to be basing a PC or console game around it.

The player can choose from one of six available trucks to race around a variety of tracks. The latter consist of the usual array of mountain or desert offerings. You can either opt for the 'instant action' style single race or the supposedly more challenging championship or time trial modes.

While most racing games allow the player to tweak the chosen vehicle's specifications and setup, you are stuck with what you get in Hard Core 4x4.

Thankfully, with the aid of 3D acceleration, the graphics of Hard Core 4x4 don't shape up too badly. The trucks themselves are very crisp, colourful and clear, with some nicely rendered terrain to contend with. But (and it's a big but) once you tire of admiring the lack of blurriness, you soon notice a distinct lack of variety in the landscape.

MATROX

Rainbow Runner

An Exciting *New Universe* of Digital Video in your PC

- ★ *High quality video editing*
- ★ *Still and stream video capture*
- ★ *Hardware MPEG1 video playback*
- ★ *PC to TV video output*
- ★ *Live video conferencing*
- ★ *TV viewing on the PC*
- ★ *Includes 'PC-VCR' feature*

Australian Distributor
Focal Point Computing Pty Ltd
Melbourne: (03) 9525 1144
Sydney: (02) 9925 0388

matrox
http://www.matrox.com/mga

Home & hobbies

Corel Medical Series: Cancer

From: *Tech Pacific (02) 9381 6000*
List price: *$99*
Overall value: ★★★★★

Cancer is one title in a medical series of interactive CD-ROMs from Corel Corporation. The dual-platform CD-ROM offers an easy and interactive way of learning for patients or anyone wanting to know more about this complex disease.

Cancer ships with *Steadman's Electronic Medical Dictionary* and includes detailed illustrations, an easy to access glossary and narrated digital videos. It contains a search engine, cut and paste facilities and printing capabilities, making it an excellent and concise reference tool. Cancer also allows readers to create slide shows, lecture notes and presentations using Corel Presentations — also included on the CD-ROM.

Dividing the information into five main sections, Cancer provides an informative educating journey for a complex and intimidating disease. The first section, Diagnosis and Treatment, helps the reader gain a better understanding of the varying types of cancer and appropriate treatment, highlighting any implications.

Once the facts are explained Supportive Care acts as a counselling section offering advice on issues like controlling pain and guarding against infection.

Following this the Quality of Life section offers empathetic advice on issues, such as understanding the reality of a terminal illness, acceptance and making the most of each day.

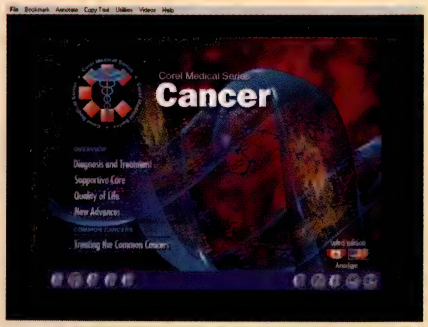
New Advances provides an up-to-date and positive insight into progress made in the last 10 years with cancer research and forecasts developments that may benefit cancer therapy in the long term.

If you want to focus on a specific cancer you can browse through the Common Cancer section, which offers an in-depth reference on almost 50 different cancer types, listing hypothetical and proven cause, and suggesting measures of protection and standard forms of treatment.

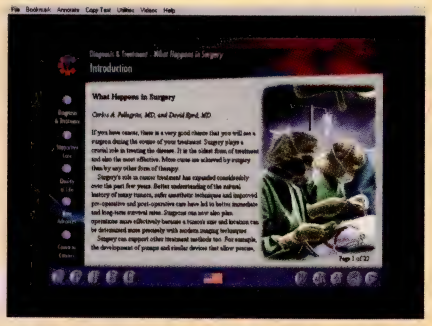
Also available in Corel's Medical Series is Immune System which focuses on the underlying causes of autoimmune disorders. Divided into three main sections — Immunity and the Immune Response, Allergies and other Atopic Diseases and Autoimmune Disease — each section studies a different clinical case.

Both CDs run on Windows 95 with minimum requirements of a 486/66, 8Mb of RAM, double-speed CD-ROM, 16-bit soundcard, and SVGA video card and monitor.

by Kathryn Hawkins



Corel Medical Series: Cancer suggests treatments for common cancers.



The section Diagnosis & Treatment explains what happens in surgery.

Less than exciting

Hard Core 4x4 lacks the 'fun' factor of other truck racing titles.

Now I could happily live with these flaws if the action component of the game turned out to be wildly exciting and compelling, but unfortunately Hard Core 4x4 is neither. Racing generally consists of hitting the accelerator, waiting for the starting signal and then inevitably bouncing off other trucks and track walls while enduring repetitive and tedious commentary. And unlike Monster Truck Madness, if you get bored with the race itself, you can't just take a detour off the main course to do a spot of sight-seeing as there appear to be mysterious, invisible barriers on the borders of each of Hard Core 4x4's tracks which stop you from doing so.

Other features include two-player, split-screen, head to head racing, four different camera angles and supposedly adjustable weather effects (it could have been a bug, but the latter didn't appear to work).

Maybe I'm just not enthusiastic enough about enormous trucks, but I found Hard Core 4x4 to be less than exciting. If you do have a penchant for these automotive leviathans, you'd probably be better off trying Monster Truck Madness: at least the tracks are more interesting and you can explore if you get fed up with racing. Yawn . . . ❑

by Julian Schoffel

Hard Core 4x4

Genre: Truck racing sim
Classification: G
Graphics: ★★★ ½
Sound: ★★ ½
Gameplay: ★★
Overall value: ★★ ½

System requirements: P120, 16Mb RAM, double-speed CD-ROM drive, 25Mb hard disk space, Windows 95
From: Gremlin
Distributor: Mainstream Interactive (03) 9879 3588
List price: $89.95

$2.50 (when purchased separately)

School PC AUSTRALIA

OCTOBER 1997

Australia's first publication for teachers, students and parents

Digital history

Explore history for yourself with the latest history software and websites

CONTENTS

History software reviews 2
History software compared 4
Literature software round-up 6
News and new products 12
Educational shareware 14
History Web sites 16
Teacher review: Stellaluna 18
Telopea Park School case study 20
ClarisWorks for Kids review 22

EXPLORE

History of all ages

All students

Linda Bruce compares the best Australian and world history software.

Burke and Wills Expedition 1860-1861

Burke and Wills — we've all heard of them, the first European explorers to cross Australia from south to north. Yet many uncertainties surround their ill-fated expedition from Victoria to the Gulf of Carpentaria.

This package presents the traditional story, then invites us to examine the original sources and ask: how did Burke and Wills really die? Why did King survive? And how does the legend fit the facts?

The strength of this CD-ROM is the detail it offers of the expedition: newspaper clippings of the first public meeting held to organise the expedition; lists of provisions for the journey; photographs of the DIG tree; and excerpts from the inquiry that followed.

How can you use it in class? The teaching method is for students to view the 45-minute presentation, which is also cut into smaller sections for quick grabs, then take an activity sheet that the teacher has photocopied from the manual and complete it.

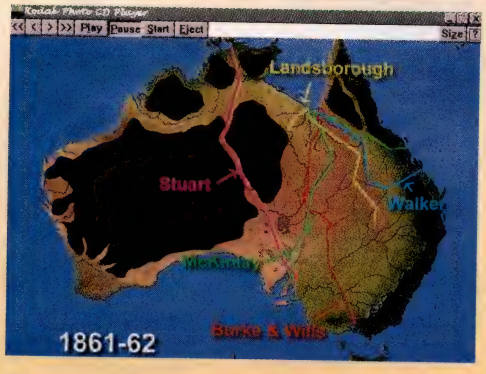
Many of the worksheets (pitched more at secondary than primary level) suggest students compare the primary source evidence with anecdotal and secondary sources. Other sheets focus on discussion groups, building concept maps or analytical studies.

The seven broad areas of study are: Why did they die?; Perceptions; Attitudes; Representations; Mysteries at the Depot; Continuity and Change; and Aftermath.

While being developed both for Kodak Portfolio CD and CD-ROM, the program has not taken advantage of the power and interactivity of CD-ROM. On CD-ROM the program is clumsy to load, painfully slow to change screens (even with 16Mb of RAM, whereas it lists 4Mb as minimum) and offers little advantage over the simpler method of presenting the story on video and discussing it later.

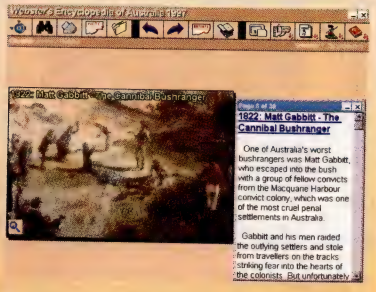
Although this great tale of the Burke and Wills expedition fits snugly into the upper-primary school curriculum on Australian explorers, the CD-ROM would be improved by a search engine, decent index, context sensitive help, and greater integration between the student worksheets and the chapters within the story.

Outback journey



Burke and Wills Expedition 1860-1861 is a great reference of their ill-fated expedition.

Updated encyclopedia



Webster's Encyclopedia of Australia 1997 features up-to-date information such as the change of government.

Websters Encyclopedia of Australia 1997

Webster's Encyclopedia of Australia 1997 updates the 1996 version with information on history, change of government, national parks, famous people, Australian and world heritage sites plus the bicentennial First Fleet re-enactment.

Contents include states, parks, towns and maps; flora and fauna; climate and geography; facts and figures; sports and sports people; famous Australians; Australian inventions; arts and entertainment; general history; history themes; politics and political history; and 1996 in review.

Click on the chapter you're interested in and then the section of your choice within it. Alternatively use the search engine to search by word or phrase, page, video, sounds, graph, table, highlight, note or custom.

Options include grouping pages of your choice to form your own library for easier access and adding your own notes to any page. Many pages contain sound or video, such as the sound of soldiers singing as they marched off to World War I, or a video of the arrival of television in our loungerooms in 1956.

Though shallow in some areas and lacking full size maps of states that you can print with major towns clearly marked, Webster's Encyclopedia of Australia 1997 contains the most comprehensive information on favourite primary school themes, such as Australian bushrangers, gold, explorers and rainforests, of any CD-ROM encyclopedia on the market.

Editorial: They don't call it social studies anymore

As I was compiling this issue and reading over Linda's software reviews, a voice over my shoulder said — "they don't call it *social studies* anymore". There ensued quite a debate on precisely what words primary school uses to define that mass of information that usually becomes partitioned into the more easily defined history, geography, biology and politics when we hit high school.

It's all quite irrelevant now though, in NSW at least, because I read in the paper this morning that Mr Carr's government has reworked the school system, which currently culminates in a TER (Tertiary Education Ranking) for every student, a score which defines whether or not they will be eligible for the course of their choice at university. The aggregate TER has also in the past been used as an indicator of a school's performance, and a benchmark for parents of would-be students.

Whether or not it's more accurately a benchmark for the school's ability to choose students who show a greater propensity to excel is a moot point. The TER is history, says the Carr government. It's being axed in favour of a system which provides an individual rather than aggregate benchmark of performance, provides an assessment for career criteria other than university, such as vocational training, and which protects the privacy of the student.

Helen Dancer

Will prospective employers be allowed to ask about the TER of the applicant? Who can say? To obfuscate individual performance seems counterproductive. Time will tell.

The shift in emphasis from strictly academic-oriented assessment to an academic and vocational split is also an interesting dynamic, and something that this issue of *School PC* seeks to address. Noted Mac writer Stephen Withers reviews the latest release of ClarisWorks for Kids, and Linda Bruce visits Telopea Park School in Canberra and finds out how they're going about becoming the most modern school in Australia.

The overhaul of the school system in NSW is bound to bring reverberations that will colour both education outcomes and how we feel about them for some time to come. If you are a parent or an educator with opinions on whether the proposed changes are useful or counterproductive, we'd love to hear from you. E-mail schoolpc.com.au and we'll post a forum of readers' views on the site. Have your say!

DK Stephen Beisty's Castle Explorer

What was it like to live, work, eat, sleep, fight and play in the mighty feudal fortresses that loomed over the landscape of 14th century Europe? Play Castle Explorer and find out!

The package offers two strands: a strategy game and a comprehensive resource on life at the time.

The game graphics and design are reminiscent of Myst. The King has entrusted you with a dangerous mission: to enter Baron Mortimer's castle disguised as a knight or maid and foil the baron's plot to seize the royal crown!

In your quest for clues, you encounter the castle's inhabitants — from the baron's servants to the alchemist who mixes strange potions in his quest for forbidden knowledge.

Using the Castle Guide map you move from the dank, dark recesses of the dungeon to the watchtowers to watch jousts and listen to troubadours. You gather tools and gold coins, search for hidden keyholes and doorways, and find pieces of a map to locate a hidden escape tunnel.

The Spy game takes time to play, so for class the Castle Explorer section is best. This offers detailed graphics, animations and descriptions of each section of the castle. From here you jump to the extensive library, which offers chapters on medieval health, warfare, society, trades, crime and food.

Health includes sanitation, water supply, diet and sickness and medical treatment, and each of these categories is further divided; for example, Medical Treatment features 16 headings ranging from astrological cures and blood letting to remedies and alcohol.

Castle Explorer would benefit from having the text instructions on how to play the Spy game read aloud, and the option to cut and paste information would facilitate student project research.

Overall, it is a treasure-chest on life in a medieval castle, a delightful, informative package that will fuel the enthusiasm of upper primary and lower secondary students and their teachers.

Exploring Castles: The UK's Historic Fortresses

Exploring Castles helps bring history alive by introducing the history and construction of 150 of Britain's castles and tracing how the role of castles in history changed from simple defensive works to prestige symbols of wealth and power. As such, it effectively complements DK Stephen Beisty's Castle Explorer (reviewed above).

In the adventure game, while play-

Stately residence

Live, work, eat, sleep, fight and play in feudal times with DK Stephen Beisty's Castle Explorer.

World history software compared

Title	Age range	Skills	List price	Minimum system requirements
DK Stephen Beisty's Castle Explorer	10+ years	History	$75	Win 3.1, 486/33MHz, 8Mb RAM, 16MB HD, 8 bit soundcard, SVGA. Available for Mac.
Exploring Castles	12-16 years	History	$69.90	Win 3.1, 486/33MHz, 8Mb RAM, 16Mb HD, CD-ROM, 8-bit sound, SVGA. Available for Mac.
Romans	7-12 years	Ancient history	$59.95	Win 3.1, 486/33MHz, 8Mb RAM, 16Mb HD, CD-ROM, 8-bit sound, SVGA. Available for Mac.
Vikings!	7-12 years	Ancient history	$59.95	Win 3.1, 486/33MHz, 8Mb RAM, 16Mb HD, CD-ROM, 8-bit sound, SVGA. Available for Mac.
DK Stephen Beisty's Stowaway	4-12 years	History	$75	Win 3.1, 386, 4Mb RAM, 10Mb HD, CD-ROM, sound, VGA. Available for Mac.
Family Tree Maker	All ages	History	$79.95	Win 3.1, 386, 4Mb RAM, 10Mb HD, CD-ROM, sound, VGA.
Eyewitness History of the World	10+ years	European history	$89.95	Win 3.1, 386DX/33MHz, 16Mb RAM, 256 colours, 2X CD-ROM, speakers or headphones. Available for Mac
Pathways Through Jerusalem	12+ years	History	$59.95	Win 3.1, 386DX/33MHz,16Mb RAM, 256 colours, 22Mb HD, 2X CD-ROM. Available for Mac.
Explorers of the New World	12+ years	European and American history	$59.95	Win 3.1, 486DX, 4Mb RAM, CD-ROM, sound, 256 colours. Available for Mac.
The Yukon Trail	10+ years	American history	$89.95	Win 3.1, 386, 4Mb RAM, 2X CD-ROM, sound, 256 colours. Available for Mac.
The Amazon Trail	10+ years	American history	$89.95	Win 3.1, 386, 4Mb RAM, 2X CD-ROM, sound, 256 colours. Available for Mac.
The Rise and Rule of Ancient Empires	10+ years	History & strategy multiplayer game	$89.95	Win 3.1, 486DX/33, 8Mb HD, CD-ROM, SVGA, speakers or headphones. Available for Mac.
Time Warp of Dr Brain	14+ years	General history and logic Game	$69.95	Win 3.1, 486DX/33, 8Mb HD, CD-ROM, SVGA, speakers or headphones. Available for Mac.
Battles of the World	10+ years	General history	$69.95	Win 3.1, 486DX/33, 8Mb HD, CD-ROM, SVGA, speakers or headphones. Available forMac.
Chronicle of the 20th C	12+ years	History of space	$89.95	Win 3.1, 486DX, 4Mb RAM, CD-ROM, sound, 256 colours. Available for Mac.
Where in Time is Carmen San Diego	11+ years	General history	$69.95	Win 3.1, 486/25 MHz, 8Mb RAM, 2X CD-ROM, sound, 256 colours. Available for Mac

Australian history software compared

Title	Age range	Skills	List price	Minimum system requirements
Frontier Stories: Forgotten Wars	13+ years	Australian history/ Aboriginal studies	$49.95	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Burke and Wills 1860-1861	10+ years	Australian history	$78.50	Win 3.1 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Know-How:Innovation In Australia	10+ years	Australian history	$79.95	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Aust. Feature Films Beisty's Stowaway	9+ years	Australian history	$79.00	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Australia Through Time	10+ years	Australian history	$99.95	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Encyclopedia of Aust.	10-13 years	Australian history	$79	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
Waltzing Matlida 1895-1995	10+ years	Australian history & culture	$79	Win 3.1, 386, 4Mb RAM, 4Mb HD, SVGA. Available for Mac.
The Encyclopedia of Aboriginal Australia	13+ years	Culture & history	$200	Windows version soon to be released. Available for Mac.

ing characters from the year 1322 you experience life in a front line castle during the wars, watch the battles, plan the defences, brandish the weapons and learn about people's lives and work within the castle walls.

In the section on building castles you can explore construction methods, building materials, equipment and techniques. You can take a walk through a real medieval castle as it is today and as the rooms and furniture would have been 600 years ago.

The Time-line marks castle events in Britain from 1066 to 1800 and you can check the map of locations and use the database of 150 castles to research castles before you visit them.

The Rise and Rule of Ancient Empires

The Rise and Rule of Ancient Empires gives teenagers a feel for the ancient empires that formed the cradle of civilisation.

Rise and Rule is a multiplayer network game in which you strive to conquer your neighbour with military strength and production, trade and diplomacy. You play Greeks, Persians, Egyptians, Chinese or barbarians in their bid to rise above other empires and rule all.

Game strengths include the ability to construct cities in the architectural style of each culture, period costume, randomly generated maps and endless replay variations.

The game would be improved by clearer online gameplay instructions.

Distributor and Publisher	Relevance to Australia	Suitability to schools	Friendliness	Multimedia	Overall value
Roadshow www.village.com DK Multimedia www.dk.com	★★★ ½	★★★ ½	★★★	★★★	★★★★
Roadshow www.village.com	★★★	★★★	★★★★	★★★★	★★★★
Roadshow www.village.com	★★★★	★★★★	★★★★	★★★★	★★★★
Roadshow www.village.com	★★★ ½	★★★ ½	★★★★	★★★★	★★★
Roadshow www.village.com Dk Multimedia www.dk.com	★★★ ½	★★★ ½	★★★	★★★ ½	★★★ ½
Dataflow www.dataflow.com.au	★★★★	★★★★ ½	★★★★	★★★★	★★★ ½
Roadshow www.village.com DK Multimedia www.dk.com	★★★★	★★★★	★★★	★★★★	★★★★
Roadshow www.village.com Future Vision www.village.com	★★★★	★★★★	★★★★	★★★★	★★★★
Roadshow www.village.com Future Vision www.village.com	★★★★	★★★★	★★★★	★★★★	★★★★
Dataflow www.dataflow.com.au	★★ ½	★★★	★★★★	★★★★	★★★ ½
Dataflow www.dataflow.com.au	★★ ½	★★★	★★★★	★★★★	★★★ ½
Metro Games www.mnt.com.au/products/ Sierra On-Line www.sierra.com	★★★★	★★ ½	★★★	★★★	★★★
Metro Games www.mnt.com.au/products/ Sierra On-Line www.sierra.com	★★★	★★★	★★★★	★★★★	★★★★
Roadshow www.village.com	★★★	★★★★	★★	★★ ½	★★★
Roadshow www.village.com	★★★	★★★ ½	★★★	★★★	★★★
Dataflow www.dataflow.com.au Broderbund www.broder.com/education	★★★★	★★★★	★★★	★★★★	★★★★

Distributor and Publisher	Relevance to Australia	Suitability to schools	Friendliness	Multimedia	Overall value
Dataworks (03) 9764 8344 http://www.abc.net.au/frontier/	★★★★★	★★★★★	★★★ ½	★★★ ½	★★★★★
Educational Media International (03) 9699 7144	★★★★★	★★★★★	★★	★★	★★★ ½
Dataworks (03) 9764 8344 Powerhouse Museum www.phm.gov.au/	★★★★	★★★★★	★★★★★	★★★ ½	★★★★
Dataworks (03) 9764 8344 www.dataworks.com.au	★★★★★	★★★★★	★★★ ½	★★★★	★★★★
Roadshow www.village.com.au	★★★★	★★★★	★★★ ½	★★★ ½	★★★ ½
Webster Publishing (02) 9975 1466	★★★★ ½	★★★★ ½	★★★	★★★	★★★★
Webster Publishing (02) 9975 1466	★★★★★	★★★★	★★★ ½	★★★★	★★★ ½
AIATSIS: Aboriginal Studies Press www.aiastsis.gov.au/shop.htm	★★★★★	★★★★★	★★★★★	★★★★	★★★★★

You can download playable demos of Rise and Rule from the Sierra Online Web site at http://www.sierra.com/

The Time Warp Of Dr Brain

The Time Warp Of Dr Brain is a light-hearted history and logic game ideal for small groups to time-warp through the past, present and future in a bid to rescue Dr Brain.

In the latest episode, Dr Brain has zapped himself to the past in his time machine whilst working on his Space Time Discontinuum Theory. Trapped in 10 different time periods, it's up to you to bring him back to the present by solving puzzles.

This game has massive replay value — 600 puzzles scattered through 10 different ages from primordial ooze and sparsely-lit caves to playing word games against a monkey in the jungle. Relax, you don't play all puzzles at once — only enough to score sufficient points to free him in each era.

The puzzles are devilish and funny, ranging through novice, expert and genius levels most appropriate for 14-year-olds and older.

The Time Warp of Dr Brain could be improved by clearer instructions and more extensive help, plus some easier levels for keen nine- to 13-year-olds.

With great features including humour, graphics, the ability to challenge over the Internet and the option of playing in English, German or French, The Time Warp of Dr Brain is guaranteed to keep your brain from fossilising.

Vikings!

Vikings! is a top-notch way of introducing how the Vikings conquered Europe and where they settled in Britain.

Beginning with photographs of the modern-day city of York, the accompanying text describes how an archaeological dig there found many Viking artefacts.

The photograph of the dig site acts as the main menu from which you access the Time-line, the Finds Exhibition, a map of Viking places, the Site Office and the bus to the desktop.

Click on a coin in the excavation site to explore a Viking village and hear the people describe their work and play.

From within this adventure game or directly from the opening menu, you can access photographs and descriptions of artefacts uncovered at the dig site.

The Time-line offers events from 786 to 1266, the Finds Exhibition, and 44 archaeological and historical finds. At the Site office you tap the expertise of archaeologists, historians and scientists from York's Jorvik centre in Britain.

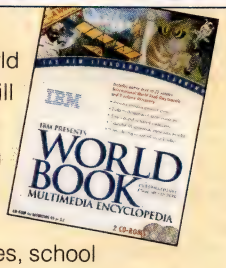
Though Vikings! would benefit from better links between the database of finds and information on these, overall it is a terrific way of discovering through archaeology where the Vikings came from and how they lived and died.

Viking for a day

In Vikings! you explore a Viking village and hear the people describe their work and play.

Schools Web Competition

Dataflow, distributor of great educational and games software, is the official sponsor of the Schools Web Competition.



Enter your school's Web page to be in the running to win first prize — the latest edition of World Book Multimedia Encyclopedia! Runners up will receive the latest release of Adobe Acrobat!

To find out how to enter your school's Web page in the Schools Web Competition, visit http://www.schoolpc.acp.com.au

For news on the latest educational software releases, school news, promotions, technical support and more, visit Dataflow's Web site at http://www.dataflow.com.au

The lucky winners of the Schools Web Competition will be published in the November issue of *School PC*.

Romans

If you are studying Latin or the Romans, this CD-ROM will introduce you to some fascinating Roman pottery plus expert historical opinions beyond the experiences of the townsmen you speak to within the game.

This adventure is set in the provincial town of Sapientum in the second century AD. Your aim is to settle in the town and to achieve this you have to register with the town authorities and find a job. To job search you need to collect the tools of your trade and find out as much as you can about the work and everyday life in a Roman town. When you register the town magistrate will tell you what to do, depending on the job you have chosen.

So plunge in! Explore Sapientum, seek objects and information, talk to Romans you meet, and take notes as you go. You'll learn so much you'll be tempted to stay in ancient Rome!

Literary history

All students

Discover a collection of Shakespeare works on CD-ROM with our round-up.

Literature was one of the first disciplines to take to CD because of the enormous amount of information that could be squeezed onto one disc — it was possible to put more whole novels on one CD than the biggest *Reader's Digest* compendium you could possibly imagine.

Nevertheless, the first iterations of novel on CD were very little more than just that — novels on screen. It took a while for publishers to catch on to the opportunities the new medium offered, but the new generation shows they have taken to it like ducks to water.

Here we offer a brief comparison of the titles currently available for the teaching of Shakespeare.

Macbeth

In complete contrast to the toon-time Corel Macbeth comes a BBC production, published by Harper Collins, which has all of the darkness and scary overtones we expect from the Shakespearian tragedy.

Full of dank castles, gloomy moors and gory descriptions in pop-up boxes about the usefulness to witches of the pieces of dead bodies they collected from the battlefield, this is

NEW

WOW!

BIG GB BEST VALUE

QUANTUM BIGFOOT™ CY* 2.1GB

* CY stands for Cyclone and is the second generation of Bigfoot drives

Internal data rate 92.6mb/sec

MR Heads

BEST BUY!

Fast ATA-2 interface

3 years warranty

- Lowest cost per megabyte in the industry
- Greater storage capacity using 5.25" disk
- 92.6 mb/sec internal data rate provides outstanding multimedia performance
- maximum data integrity with MR technology
- Easy installation
- Also available in 4 & 6GB

AWARDS RECEIVED

7.2 million drives sold todate!

Quantum®

CAPACITY FOR THE EXTRAORDINARY™

WIN 100 SHAREWARE MAGAZINE 1997 · Windows Stellar · WINDOWS MAGAZINE 1997 WINNER · COMPUTERWORLD ANNUAL AWARDS 1996

FAST ATA 2 · S·M·A·R·T SYSTEM · Yes NetWare. · Quantum BIGFOOT

For a fact sheet about the Quantum® Bigfoot™ CY HDD please complete this coupon and fax to (02) **9736 3611** or post coupon to Electronic Resources Australia, 9-11 Leeds Street Rhodes NSW 2138. Attention Marketing.

Name _____

Company *if applicable* _____

Title _____

Address _____

_____

_____ State _____ Postcode _____

Tel _____ Fax _____

PCU.10/97

Distributor
Electronic Resources Australia

NSW Tel 02 9736 3688
QLD Tel 07 3846 2882
VIC Tel 03 9646 9388
NZ Tel +64 9 522 0144

Visit website http://www.quantum.com for more information

Literature software compared

Title	Macbeth	Romeo & Juliet	Classic Library	William Shakespeare: The Complete Works	Thumbnail Theater Macbeth
Age range	12+ years	12+ years	13+ years	13+ years	12-17 years
Skills	Literature	Literature	Literature	Literature	Literature
List price	$69.95	$69.95	$79.95	$79.95	$47
From	Roadshow Interactive http://www.village.com	Roadshow Interactive http://www.village.com	Scholastic New Media (043) 243 555	Scholastic New Media (043) 243 555	Tech Pacific (02) 9381 6000
Publisher	BBC Productions http://www.bbc.co.uk	BBC Productions http://www.bbc.co.uk	Andromeda http://www.andromeda.co.uk/	Andromeda http://www.andromeda.co.uk/	Corel CD Home 1800 658 850
System requirements	386SX or better, SVGA, MPC soundcard, 4Mb hard disk space, Windows 3.1 or better. Available for Mac	386SX or better, SVGA, MPC soundcard, 4Mb hard disk space, Windows 3.1 or better. Available for Mac	Windows 3.1, 386, 4Mb RAM, 1Mb HD, CD-ROM drive, 256 colours. Available for Mac	Windows 3.1, 386, 4Mb RAM, 1Mb HD, CD-ROM drive, 256 colours. Available for Mac	Windows 3.1, 8Mb RAM, 8Mb HD, 2X CD-ROM drive, SVGA, 486SX/33. Available for Mac
Relevance to Aust.	★★★★★	★★★★★	★★★★ ½	★★★★ ½	★★★
Sutability to schools	★★★★	★★★★	★★★★ ½	★★★★ ½	★★★★
Friendliness	★★★	★★★	★★★★	★★★★	★★★
Multimedia	★★★★	★★★★	★★★	★★★	★★★ ½
Overall value	★★★★	★★★★	★★★★ ½	★★★★ ½	★★★ ½

not recommended bedtime reading.

The opening screen offers a hexagonal dissection of the elements of study, including performance, language and characterisation. It's a neat echo of the theatre in the round in which the work would have been originally performed, with the play at the centre of the hexagon.

There are tracts of video interspersed throughout, and for the portions of text not illustrated by video, there are pictures of the characters speaking in that scene, and an audio track which steps users through the entire play. Highlighted words can be clicked to bring up an explanation box, either of the meaning of the word at the time, or some explanation of why it would have been used in that context. Phrases and sentences are also highlighted to offer some clarification or context to their use in the play. Blue question mark boxes also mark points of interest or discussion topics.

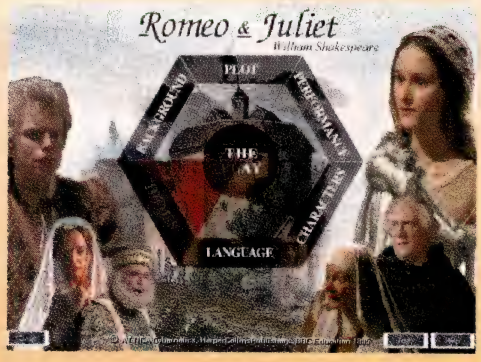
The background scenes, mono-colour litho-cut-like images of the forest or the castles, change too, to reflect the new scene, subtly breaking up the play into its constituent parts.

An ancillary learning aid is The Life of Shakespeare, which acts as a social and linguistic reader. It also provides snatches of video featuring critics talking about the language of the play, and reading portions in the accent and tempo they would have been said in Shakespeare's day.

A useful resource, it is one of the best examples yet of crib notes, text and video performance rolled into one package.

The only drawback to this approach is that the video viewing window is tiny, which would make using the title in groups difficult. This is really a one-on-one experience.

Elegant adaption



Romeo and Juliet's opening screen features a hexagon with the play at the centre.

Romeo and Juliet

Another in the BBC series, this is an elegant treatment of yet another of Shakespeare's best known tragedies.

Like Macbeth, its opening screen is a hexagon, with the play at the centre, and facets of study, such as the players, performance and language around the outside. By clicking on the language button, students can then choose to discover all the examples of, say, irony in the play. These are listed in chronological order, and clicking on the listing triggers an audio track of the passage in question; out of context of the play, but an interesting way of enunciating the themes and overtones of the play in a compressed fashion.

As with the other titles in the series, the CD provides a lengthy treatment of the play or short synopsis. Clicking on the Plot button at the foot of the screen allows the students to zoom through the story-line by simply clicking on Act and running the mouse over the scene required. Movement sensitive pop-up boxes bring up the different scenes, so it's easy to read the entire story-line within a couple of minutes before going through the play in depth, or using this as a way of honing in on a particular incident. A search facility will also take you straight to the famous "But soft, what light through yonder window breaks . . ."

Other titles not available for this review here but which will be on sale by the time of publication include the Midsummer Night's Dream and Julius Caesar.

The retail version of these titles is available from all retail outlets at a cost of $69.95 for the CD only.

A special schools version which

56K modem available now from $279^

56K

NetComm ROADSTER 56

Transmit Data
Receive Data
Off Hook
Carrier Detect
Auto Answer
Terminal Ready

POWER

^ Roadster56 Ultra - $299

Hit the highway with a Roadster56 flex

The NetComm Roadster56 flex™ modem is the fastest ride on the information superhighway. You get instant Internet access with high speed 56K* download, fax and data capabilities, built-in error correction, lifetime warranty, customer support and Rockwell's K56flex technology. Plus, with the Roadster56 Ultra™ you even get handsfree speakerphone, and simultaneous voice and data capabilities.

* 56K download speeds are dependent on compatibility with your ISP and performance & regulatory limitations of the telephone network. Products incorporate technology provided by Rockwell Semiconductor Systems Inc.

E-mail: info@netcomm.com.au Web page: http://www.netcomm.com.au

Call us for more details. Sydney callers 9878 7333. Outside of Sydney FREECALL 1800 269 950

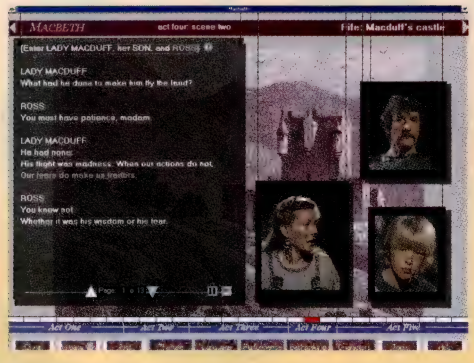
K56 FLEX CONNECT with Rockwell

ZULU NE164.PCU

NetComm Limited ACN 002 490 486

NetComm®

Not bedtime reading



Macbeth features videos and pictures of characters plus an audio track.

incorporates the CD, teacher notes and a video and is licensed for up to five users is also available for $149.95.

Thumbnail Theater Macbeth

This Corel title draws its great animation graphics from the company's area of core competence — CorelDraw, and as such, it's pleasing to watch and well designed. Another bonus is the dulcet tones of actor Michael Mills, which makes listening to the commentary an entirely Shakespearian experience.

The title follows the standard interactive story format of 'read to me' or 'let me play', and offers a third option which includes a backgrounder on Scotland, a historical time-line of incidents and people not featured in Macbeth, such as James 1 and William Wallace (better known as Mel Gibson in *Braveheart*), which sets the play in a relevant historical context. There's also a list of Shakespeare's other works, including poetry and the folios and quartos, together with easy to understand explanations of what they are and how they were compiled, and some of the more famous quotes from Shakespeare which have fallen into our everyday lexicon.

The 'read to me' option is a nine-minute QuickTime movie which precis the play rather than reading it, and here your reviewer parts company with Corel.

The title is aimed at 12- to 17-year-olds, and while the treatment is appropriate to the age group — cartoon style and simple language — it hardly does the playwright justice. Shakespeare wrote many plays that were meant to be amusing — Macbeth is not one of them. And while it's true that the language of Shakespeare is an obstacle for many students, it's debatable whether counterpointing 'Thane' as in Thane of Cawdor, Macbeth's new title, with the assertion that Lady Macbeth goes 'inthane' at the end of the play actually helps overcome that obstacle.

Full marks for getting the actual story-line across to the early teens and for putting the characters into perspective, but low scoring on the ability to convey Shakespeare's marvellous use of language and sense of dramatic poise. Dropping a drawbridge on Lady Macduff and her baby just doesn't cut it in the gruesome stakes or offer a realistic representation of what really happened.

by Helen Dancer

Animated Shakespeare

Thumbnail Theater Macbeth does a good job at conveying the actual story-line across to early teenagers.

Classic Library: Over 2000 Works of World Literature

A boon for literature students, Classic Library offers easy access to more than 2000 complete texts at any time of day or night.

Need to write a speech on homosexuality? A debate on fashion? Start by checking the masters from Aesop, Jane Austen, Frances Bacon, the Bible, William Blake and Charles Bronte to William Shakespeare, Sophocles, Wordsworth and Yeats. With 247 authors, 600 poems, 144 short stories and fables, 60 novels, 40 plays, sacred texts, essays, speeches, treatises, manifestos, major works of philosophy, history and theology, you're bound to find some captivating quotes.

Classic Library is easy to move around, locate items of interest and read texts on screen. You can check biographies for critical and historical backgrounds to the authors and their work, use the in-built word processor, save text to disk or print directly.

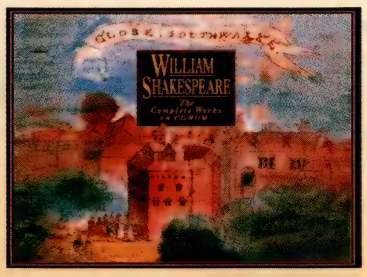
With an excellent search engine offering powerful boolean search plus exploration by title, author and field, Classic Library is a fantastic reference for students of English.

William Shakespeare: The Complete Works

Featuring a similar interface to Classic Library, William Shakespeare: The Complete Works contains a great collection of plays and poems by William Shakespeare.

Shakespeare was so successful at pleasing audiences in his own time that major literary figures of the subsequent century, such as John Milton, John Dryden and Alexander Pope paid tribute to him, and some of his plays continued to be performed for the next 400

48 works on one CD



William Shakespeare: The Complete Works contains a great collection of plays and poems.

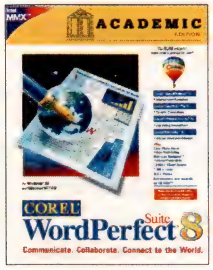
ACADEMIC™

Corel Academic Program
First in its Class

When you want cutting-edge software technology at an affordable price, look no further than Corel. Offering you world-class productivity applications that meet the challenges of today's curriculums, the ***Corel Academic Program****† makes going back to school an exciting high-tech learning adventure!*

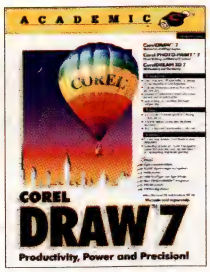
Whether you're looking for competitively priced shrink-wrapped products or hassle-free licensing solutions, Corel has all the answers. The ***Corel Academic Program****— helping you make the grade.*

Back to school.
Back to value.

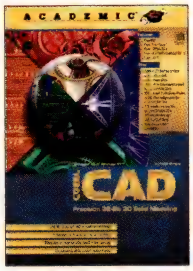


Corel® WordPerfect® Suite 8*
Communicate.
Collaborate.
Connect to the World.

Corel® WordPerfect® Suite 7* for Windows® 3.1x
Office Productivity, Business Graphics and Internet Power!



CorelDRAW™ 7
Productivity, Power and Precision!



CorelCAD™
Precision 32-Bit 3D Solid Modelling

Corel® WEB.GRAPHICS SUITE
HTML Authoring, Animation and Graphics!

Step Up to the Future . . .

†Those eligible to purchase academic products include accredited schools, faculties, post-secondary students, senior citizens, hospitals, supervisory organizations, libraries, nonprofit organizations, museums and correctional facilities as outlined in Corel's Educational Institution Definition.

**The academic versions of Corel® WordPerfect® Suite have been slightly modified from the full retail version. Manuals sold separately.*

Copyright © 1997 Corel Corporation. All rights reserved. Corel, WordPerfect, CorelDRAW and CorelCAD are trademarks or registered trademarks of Corel Corporation or Corel Corporation Limited. Windows is a registered trademark of Microsoft Corporation. All other product, font and company names and logos are trademarks or registered trademarks of their respective companies.

COREL WTA TOUR
Corel, Official World Title Sponsor of the COREL WTA TOUR

CorelWORLD™ CONFERENCES AND SEMINARS
www.corel.com/corelworld

COREL®
www.corel.com/education
Corel Customer Service Centre
Tel: 1-800-658-850
Fax: 02-9905-6870

KUR-0429-UK

News and new products

Ethics and corruption

Toppsville is top of the news this month. Following the trend set by the Department of Fair Trading to produce a CD-ROM for schools to teach students about their rights and obligations as consumers, the Independent Commission Against Corruption (ICAC) has been the driving force in the production of a new three CD set called The Talk of Toppsville.

Aimed at K-6 classes, the CD set teaches students about ethical decision making, and about our common responsibility to prevent corruption in society.

The story-line centres on what to do with a vacant lot, and the pressures brought to bear by the different ethical and environmental values of the different characters. Classes 3-6 can choose to follow the story in interactive mode while younger classes can view it in linear fashion.

An open-ended conclusion offers the opportunity for classroom discussion about different values away from the computer.

The Talk of Toppsville is available free to infants and primary schools across NSW upon request. To receive your copy, write to GPO Box 500, Sydney NSW 2001, or phone (02) 9318 5999 or toll free 1800 463 909.

For a full review of Talk of Toppsville, go to the School PC Web site at http://www.schoolpc.acp.com.au

Fun site

Games to play abound on the Net, or so it seems. But there's a new and fun entrant to the list to be found at http://www.edbydesign.com. This lovely site offers children a range of colourful fish to scramble and sort out, and an opportunity to publish their photographs, stories and poetry online. There's clever use of Java applets in the design, making it attractive to look at and easy to use, and enough fun to keep your kids going back time after time until the ISP bill goes right through the roof!

Virtual travel

Antarctica is one of those places most of us, child or grown up, are more likely to only ever visit on TV than in real life. However, BBC Productions has released a marvellous virtual tour of Antarctica, narrated by renowned naturalist David Attenborough, and based on the BBC television series *An Exploration of Life in the Freezer*. Attenborough's Antarctic is distributed in Australia by Roadshow Interactive and has a RRP of $65. The luxurious amount of audio and video footage contributes to the Antarctic experience but takes a toll on your system resources. Beware. But be there.

Children's hospital library

A pat on the back for Ashton Scholastic, for its role in the new Book Bunker (pictured) at the new Children's Hospital, Westmead. The bunker is choc-a-block full of new books, audio cassettes and CD-ROMs, and is especially designed to be used by kids with different degrees of immobility, and set up to accommodate wheelchairs and IV-drips. For bed-bound children there's also a borrowing facility; a computer port at the bedside will enable those unable to visit the library physically to visit it virtually, and take advantage of the CD stackers using laptops. Publishers who have donated product include Mindscape, Disney Interactive, Microsoft and Webster.

LOUD Web competition

Eight young people stand the chance of winning up to $10,000 each in the MSN-sponsored CRUNCH, the online component of LOUD, a celebration of youth culture and the Arts. The festival is to be held in January 1998. Entrants should develop a Web site which expresses how they feel about being young and Australian "in a way that is entertaining and compelling for people of all ages, anywhere in the world," according to a statement released by MSN. It's a tough call, but if you choose to accept, you should submit a pitch document to MSN outlining your ideas. For more information, contact Jane McKellar on (02) 9380 4102 or e-mail janemc@microsoft.com

Westmead Children's Hospital's new Book Bunker is chock-a-block full of new books, audio cassettes and CD-ROMs.

All Qld schools on Net

Congratulations to the Queensland government for its announcement in late August that it would spend $78 million over three years getting all of its public schools onto the Internet. The Education Department estimates that some 500 schools are already online through their own efforts.

It is the most ambitious spend yet on Internet enabling schools, compared with NSW's contract with OzEmail worth $30 million, and Victoria's pledge to spend $33.2 million on getting computers into schools. Computers are also on the Queensland government's shopping list; it is expected to invest in the purchase of some 20,000 desktops over the next three years.

compiled by Helen Dancer

years. No other secular writer has exerted so great an influence over so large a proportion of the world's population.

The CD-ROM contains an astonishing collection — 48 of his works commencing with All's Well That Ends Well, Antony and Cleopatra, As You Like It, Comedy Of Errors, Coriolanus, Cymbeline and Hamlet. Then come plays devoted to Henry (IV, V, VI, VIII), Julius Caesar, King John and King Lear, through those concentrating on love and humour, merchants and Macbeth, poems and a Winter's Tale.

William Shakespeare: The Complete Works is an astonishing collection and contains excellent biographical notes. The description of the subjects he studied in school, for example, will fascinate students and teachers alike, as well as placing the works in historical context. Thoroughly recommended.

by Linda Bruce

Lexmark. Print absolutely anything you want.

GREY/LEX0033

The sensational new Optra S series of Lexmark laser printers is packed with innovative features:

They're incredibly fast: 12ppm, 16ppm, 24ppm, powered by state-of-the-art Intel RISC processors. They're more economical: with industry-leading toner capacity at 17,600 pages*, plus toner saver and power saver modes. Stunning print quality: 1200dpi for the finest detailed images. Unmatched paper handling versatility: add paper input/output capacity as your needs change. Remote management: Leading edge MarkVision Diagnostic software. For more information about the new Optra S range call Lexmark on **1800 674 484** or visit us at **www.lexmark.com.**

*based on 5% toner coverage

PRINT LEXMARK™

Educational games for all students

ColourForms: Sailor Moon and the Sailor Scouts

Author: *ColourForms*
URL: *http://www.gryphonsw.com*
Registration: *$20.87*
Rating: ★★★★

Help Sailor Moon and the Sailor Scouts to use their special powers to overcome evil. Essentially a paint program for five- to nine-year-olds, you place dozens of pre-drawn objects similar to stickers on three intriguing backgrounds (nine with the registered version). Every object is independent — you can move it, resize it or fill it with different colours and textures without affecting the background or other objects. Each object also has a special sound effect attached to it. The sound plays when you place or click the object. You can also tape and add home-made sounds to your picture.

Locations and characters are based on the Sailor Moon cartoons and children can print pictures in colour or black and white to colour by hand.

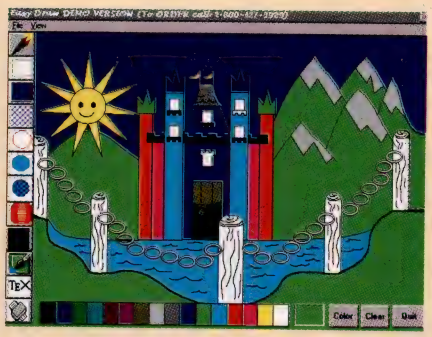
With great multimedia and a simple, effective interface ColourForms: Sailor Moon and the Sailor Scouts charms.

The Adventures of Sci-Man

Author: *Richard T. Carman*
Registration: *$US10*
Rating: ★★★

The Adventures of Sci-Man introduces the world of chemistry. You play Sci-Man, a slow, overweight genius lost in a large maze. While escaping the maze, you must dodge the large, hideous monsters that guard parts of the maze. Throw in an acid pit, toxic fumes and chemistry knowledge in order to get past these, and you have a challenging and amusing game.

To safely pass the acid pits you need to know your chemistry or guess and hope Sci-Man doesn't die. A neat game for 13- to 17-year-olds who know some chemistry already.



Talking Spelling for Windows features words three letters long to foreign languages.

Talking Spelling for Windows

Author: *DareWare*
URL: *http://www.dareware.com*
Registration: *$US25*
Rating: ★★★

In Talking Spelling you improve your spelling on one of the given spelling lists, or you can input your own.

From the picture of the boy asking you the spelling words to the design you colour as a reward for playing, the graphics are tops. Interest value is high and every screen is crammed with toe-tapping music and amusing, realistic sounds.

Recommended for four- to 17-year-olds, you can use Talking Spelling for Windows for spelling, ranging from three-letter words to foreign languages.

The Yukon Trail Demo

Author: *MECC*
URL: *ftp://ftp.mecc.com*
Registration: *$89.95*
Rating: ★★★★

Gold fever has swept the world and people are flocking to the Yukon in the hope of striking it rich. As a stampeder you too must join the rush!

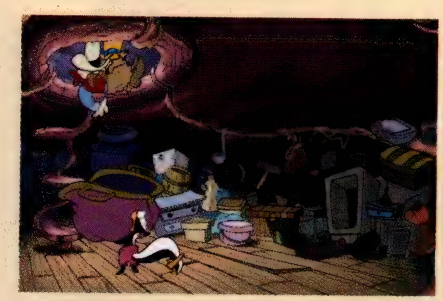
This demo gives a taste of the fine game The Yukon Trail. You look around, ask questions, choose a partner, buy supplies, and decide whether to be rude or diplomatic. Next find the fastest routes, meet the native people, brave injuries and theft. Survive and you may strike pay dirt!

Tempted? I'm not surprised. The Yukon Trail is for 11- to 15-year-olds and is addictive in the best way.

Great Word Adventure

Author: *7th Level*
URL: *http://www.7thlevel.com/*
Registration: *$US14.99*
Rating: ★★★★

The Great Word Adventure for five- to 10-year-olds starts when the cute bear Little Howie and a grumpy skunk named Stinky decide to go on a trip. In order for them to go you need to pack their luggage for them by picking the odd one out in a group of four.



In Great Word Adventure you pick the odd word out of a group of four.

This shareware version includes one of the nine scenes in the full game, full speech, ingenious cartoons and amusing jokes to keep kids thoroughly entertained while they learn grammar.

by Alan Hilvert-Bruce

Shareware programs

All these shareware programs are available on this month's PC User Offline CD-ROM available on the cover of the October issue of *Australian PC User*. The School PC Web page at www.schoolpc.acp.com.au also links to these.

and Internet

The PC Starter Kit

Everything you need to get up and running on a PC...

Plain English advice on buying PC hardware and software

The essentials of how to get up and running on your PC

The best Internet guide for those who want to get online

A CD-ROM with some great software and multimedia tutorials to get you started

The PC Starter Kit is an essential guide for computer beginners, produced by Australian PC User, Australia's favourite PC magazine for the home, small office and school.

Produced by

Australian PC User

On sale at your newsagent now!

Or phone (02) 9288 9138

Hot history sites

All students

Linda Bruce and Alan Hilvert-Bruce discover a number of resourceful history sites.

1. At the **Yothu Yindi** Web site you can check out the history of the Yolngu people and the vision of the band Yothu Yindi. See video clips, download song samples and audio tracks remixed for the Web, and note tour dates at: *http://www.YothuYindi.com/*

2. The **Australian Capital Territory Bureau of Arts and Heritage** site features rock paintings, the meaning of Dreamtime stories and archaeological evidence from the Birrigai Rock Shelter at the Tidbinbilla Nature Reserve plus listen to a didgeridoo played by Richard Walley. Created by the Ngu(n)nawal and Walgalu people in the Australian Capital Territory. *http://www.arts.act.gov.au*

3. Herberton Secondary School in Queensland has created a resourceful site called **Herberton Secondary's Australiana Page**. Students from the school have written articles on Aboriginal weapons, hunting, medicine and more. Student Edwin Butcher describes hunting: "Hunting is a great experience when you first go out to hunt. Sometimes it's very exciting when the Elders take you out." An excellent site! *http://bushnet.qld.edu.au/schools/herberton_secondary/landofoz/*

4. Dig at **Archaeology World** for information on stone artefacts, Australian and Pacific archaeology, online articles, prehistoric Australian Artefacts and Jinmium Rock Art. *http://artalpha.anu.edu.au/web/arc/resources/resource.htm*

5. For amazing samples of rock art from the Kimberleys see **Michael Barry's Rock Art Page**. Barry is currently researching the paintings' origin known as the Bradshaws. The series of paintings is taken from a book by Grahame Walsh. *http://felix.antiquity.arts.su.edu.au/~barry/storef~1.htm*

6. Great for history and reference, **MacquarieNet**, the Web site for Australian schools, is specifically designed for Australian K-12 students and teachers. Major works on Australian history, including Manning Clark's History of Australia; Collier's Encyclopedia; Macquarie dictionaries; Australian and international news; encyclopedias of Australian nature and wildlife; over 1200 photos on Australian themes; and Australian classic literature. You get all of this plus a free two-week trial! *http://www.dict.mq.edu.au/*

7. **Yahoo** is a great jumping off point for sites on Australian history, arts and humanities. History includes links to archaeology, archives, art, books, genealogy, institutes, journals, maritime history, medicine and military history. *www.yahoo.co.uk/text/Regional/Countries/Australia/Arts/Humanities/History/*

8. On April 8, 1789 on route to the Caribbean, Fletcher Christian led a mutiny aboard H.M.S. Bounty. The Mutineers set Captain William Bligh and 18 of his crew adrift in the ships launch. At the **Mutiny On The Bounty** page you can investigate the ship, the crew, the mutineers, the court martial and descendants. *http://homepages.ihug.co.nz/~gsnell/main.htm*

9. Keen to research? Cruise by the **The Electronic Journal of Australian and New Zealand History**. Developed by the Department of History and Politics, James Cook University of North Queensland, and the Department of History, Melbourne University, this informative site offers historical documents, teaching resources, articles, book reviews and conferences. *http://www.jcu.edu.au/aff/history/home.htm*

10. **The Electronic Journal of Australian and New Zealand History** also links to historical Australian documents, such as The Journal of Syms Covington, assistant to Charles Darwin on the second voyage of the H.M.S. Beagle, December 1831 to September 1836 and the letters of William Hulme, English seaman who visited the Australian colonies in the 1850s. *http://www.jcu.edu.au/aff/history/histdoc.htm*

11. **The First Queensland (Moreton) Regiment** page traces the history of the Queensland Moreton regiment since 1859. Chapters include The Re-constructed Moreton Regiment; Battery; Uniform; Accoutrements & Other Equipment and how you too can volunteer for the re-enactments! *http://www.ozemail.com.au/~adjutant/moreton/moreton.html*

12. Produced by staff of the Museum of Victoria and staff and students of the University of Melbourne the **Little Lonsdale Street** site describes the excavation that occurred in 1987-88 at this street in Melbourne and the significance of the 17,000 items collected before being redeveloped for tall office buildings. *http://www.mov.vic.gov.au/littlelons/*

13. For the Web's largest collection of history software reviews visit the **School PC Australia** Web page at: *http:\\www.schoolpc.acp.com.au*

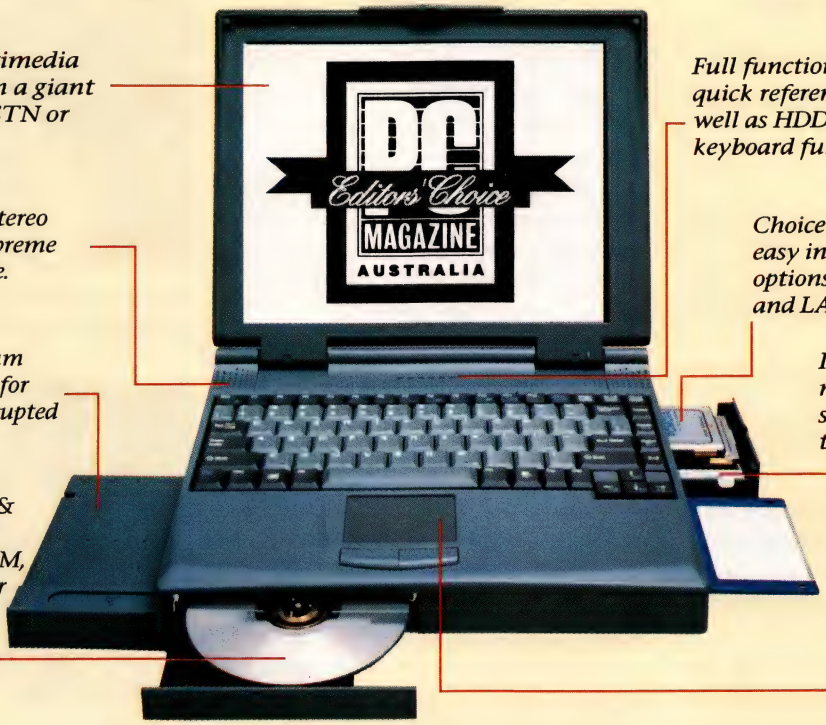
Aboard H.M.S Bounty

Discover the ship, crew mutineers, court martial and descendants at the Mutiny On The Bounty Web site.

Shopping for a Notebook ?

LEO

The Dynamic Alternative . . .



Dynamic multimedia performance on a giant 12.1" Colour DSTN or TFT Screen.

Integrated 16-bit stereo sound provides supreme audio performance.

Modular NiMH or Lithium Ion battery packs allows for up to 4 hours of uninterrupted mobile computing.

Two modular bays. Mix & Match interchangeable devices including CD-ROM, floppy drive, and single or dual battery modules.

Full function LED display ensures quick reference of power status, as well as HDD, FDD CD-ROM and keyboard functions.

Choice of PCMCIA slots allows easy installation of expansion options including fax/modem and LAN cards.

Interchangeable HDD makes Drive swapping a snap. Options for upgrading to bigger capacities.

Integrated Glidepad with two click buttons for ergonomic functionality in the Windows operating environment.

. . . LEO DESIGNote 4510 Series

Other features include:

- **Choice of State-of-the-Art Intel Pentium 133/150MHz TCP Package Processors**
- **24MB EDO DRAM** (expandable to 48MB)
- **1.44MB RAM FDD** (exchangeable with secondary battery)
- **New Generation 10X CD-ROM module** (swappable with battery pack)
- **64-bit 2MB Video RAM**
- **Optional Port Replicator**
- **Built-in infrared port**
- **3 year Nationwide Secured Insurance Warranty***
- **1,Year International Traveller's Warranty***

FIC Australia is part of the worldwide US$1 Billion FIC Group of Companies and is closely related to Formosa Plastics Group.

Amongst the top 5 worldwide Notebook Computer manufacturers, FIC's LEO DESIGNote 4510 Series incorporates a host of innovative and upgradable features coupled with the reliable manufacturer's *guarantee.

benchmark IN QUALITY AS/NZS ISO 9002 JAS-ANZ

Don't forget to take your LEO DESIGNote 4510 home!

intel inside pentium

We welcome Dealers to join our FIC Regional Partners Network in NSW, VIC, QLD, WA, NT, SA and TAS.

For more information, contact FIC Australia or visit us on the Web at: ***http://www.fic.com.tw***

FIC

First International Computer (Aust) Pty Limited ACN 056 909 927
116-118 Beaconsfield Street,
Silverwater NSW 2128.
Phone: 02-9748 4566 Fax: 02-9748 4633
Melbourne Office:
Phone: 03-9824 4388 **Fax:** 03-9824 4399

PC97 MELBOURNE THE PERSONAL COMPUTER SHOW

See us at Stand 1129

PCI IrDA

Pentium is a registered trademark of Intel Corporation. All trademarks and brand names mentioned are the property of their respective owners. Specifications are subject to change without notice. **Conditions apply.*

Teacher review: Stellaluna

Linda Bruce speaks to librarian and teacher at Red Hill School, ACT Marcia Kingwell about how she is using Stellaluna with children from K-3.

I was surprised and pleased to see the CD-ROM of Stellaluna because I liked the book and had enjoyed it with children. When I saw the CD-ROM I thought "That's great!"

I've used it with a Kindergarten, Year 2 and Year 3 class. They all enjoyed it and I was impressed by the appealing presentation.

My first step with Stellaluna was to go through the CD-ROM thoroughly before class to make sure I could confidently use it. I then introduced it to a group I had already read the book to.

As an introduction we look at the original book and contrast the way the book tells the story with the way the CD-ROM can tell it. The children have been quite observant about the difference in the formats and what they offer. I think it is important to give them those concepts. We also discuss what is meant by 'compact' and 'disc' so when they talk about a CD they know what they are getting.

We loaded the CD-ROM — they saw me do that, they found the icon on the Windows menu and then we selected the 'Read To Me' option and listened to the story.

Before I presented the CD-ROM of Stellaluna to the class I'd made a chart showing the main features they need to know — which keys do what — and displayed it on the wall behind the machine. So when they come to play when I'm not here they can refer to the chart if they need to. We have one computer in the library and during class and lunch time we have a roster where the children reserve a time to use it.

I was pleased that the producers hadn't altered the illustrations too much from the original book. I thought the pictures surrounded by dark blue was particularly well done for it highlighted the words.

The story is easy to move through because it follows the same pattern of the other Living Books that many of the children are familiar with — using the arrow keys to change pages and playing with animations within each page. That standardisation makes it easier. A few of the children have Living Books at home so they are familiar with that format.

The voice narrating Stellaluna sensitively paces the whole story. I also like the way the background music of drums and birds added to the setting. It reminded me of the sound track in the video of *The Elephant's Child* — low-key but evocative.

We played the Read To Me once and then discussed the story. I think that the way the children understood it so easily is a sign that the CD-ROM is well put together.

We have the advantage of a 40cm screen for the computer in the library and once you've seen it on the larger screen you don't want to return to a smaller one.

The Stellaluna CD-ROM comes in two versions. One with a paperback version of the book that children can read away from the computer plus a gorgeous puppet, and one without.

I think having the hard copy of the book as well as the CD-ROM is important for it offers an opportunity of discussing what each medium offers. In the library I try to encourage children to be critical of the medium they are using. Part of this is giving them the words and the vocabulary to work with right from Kindergarten grades.

As for the content, I was pleased that the kids noticed and were keen to talk about the differences between bats and birds, and the importance of friendship. These themes fit into science, personal development and self-esteem.

I don't think there is any way I'd like to improve it. I liked the way it was read and the American accent was mild and appropriate. Story-telling is a performance and you adjust to that. In some other stories I have found the accent jarring, but not Stellaluna.

The bat quiz section on the CD-ROM was also stimulating. In the back of the book Janell Cannon has taken the time to include scientific information on bats and when we were comparing the book to the CD-ROM it was interesting that the producers also put that information into a CD-ROM.

Marcia Kingwell of Red Hill School, ACT plays Stellaluna with students.

Chloe Peppler, and Zita and Xora Hilvert-Bruce do a quiz in Stellaluna.

Stellaluna

Overall value: ★★★★

System requirements: Windows 3.1, 486SX, 8Mb RAM, 8Mb hard disk space, 2X CD-ROM drive, soundcard, 256 colours. Available for Mac.

Age range: 5 to 10+ years

Skills: Science

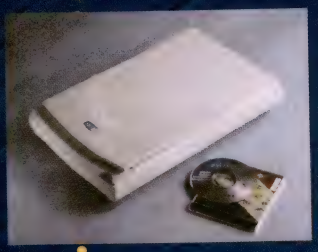
From: Dataflow http://www.dataflow.com.au

Publisher: Broderbund http://www.broder.com

List price: $59.95

4800 DIRECT II

COLOR FLATBED SCANNER



Small size.

Big 30-bit power.

Easy parallel port connection.

4800 Direct II

The 4800 Direct II is a 30-bit, one-pass flatbed scanner with a direct parallel port connection and a printer pass-through function that lets you connect your printer and the scanner at the same time. Scanning couldn't be easier with the 4800 Direct II's push button operation. Just place what you want to scan on the scanner, press the button and sit back as the TaskBridge software opens up, letting you choose where to send the pages at the click of a mouse.

Call today
for your closest retail outlet:
1 800 656-579

BBF

Primax Australian distribution by
BBF Components and Peripherals

4 Nicole Close	Suite 8 , 10 Palmer Street
Baywater VIC 3153	Parramatta NSW2151
TEL:(03)9761 4299	TEL:(02)9630 0941
Fax:(03)9761 4001	Fax:(03)9630 4785

PRIMAX

Multilingual learning

Teachers & students

Telopea Park School is one of the oldest schools in Canberra. But as Linda Bruce found out, it plans to be one of the most modern in Australia.

An emphasis on languages is one reason Telopea staff have embraced the Internet. Now they are planning to have all its 61 classrooms networked by the end of 1997.

Wth 650 secondary and 420 primary school students it is unique. In 1984 it was established as an Australia-French school after an agreement between the French and Australian governments and became a bilingual and binational school accepting both English speaking and French speaking students from Kindergarten to Year 10. As a specialist language school it also offers German, Italian, Spanish and Japanese.

Students enter the school's bilingual French program in Kindergarten and follow a curriculum based on both the Australian and French education systems. They are taught all subjects in the morning in French and those in the afternoon in English. Students who enter the English speaking stream do so in Year 7 at secondary level after completing their primary schooling elsewhere. Telopea teachers see the Internet as an opportunity for students to establish closer ties and converse with classes overseas who speak these languages as their native tongue.

One-hundred-and-twelve staff have e-mail accounts on the Internet. They access from three points — one in each library and from the extension in the staff common room.

As a result of these limited access points, plus time pressures, Telopea staff also access the Internet, if they have a connection, from their own homes and the nearby national library after school and on weekends. From here they download information for their classes.

One method they introduce students to Internet research is to take their class to the library and project the Internet material on the computer onto a large screen for classes to view as a whole.

A number of classes have interactive global projects, explains Andrea Kjar, executive teacher responsible for technology, including the library information centres within the school.

Cheryl-Lee Bell's Year 3 class have been participating in an online science project called 'Murder Under The Microscope'. Her students prepare their e-mail offline in the computer lab and she sends it from one of the access points. Music teacher Michael Caesar's Years 8-10 classes link with other classes on the Internet to create online music compositions.

The school puts its daily notices on the Telopea Park School electronic bulletin board for students and parents to access.

Teachers are keen to encourage their students to develop electronic research skills. The geography projects Kjar sets her students require students to use at least one electronic media resource. This can include CD-ROM encyclopedia or the Internet.

On the Internet, Telopea science teachers have posted a list of useful references for the projects they have set on space, environment, natural history, chemistry, biology, dinosaurs, volcanoes and general science.

Here they advise students to try a search if they cannot find a topic. They hot-link this option to the Netsearch search engine at http://home.netscape.com/home/internet-search.html

Online research

Students Nicolai Preiner, Katie Killion del Castillo, Elyanne Bennett and Maddie Smythe research with electronic media.

With over 1100 students and staff and two access points, Kjar regards current Internet use as a pilot project.

The first step is to cable every classroom with an optic fibre back-bone between the main buildings. This will later be followed by computers in more individual classrooms rather than confining them to the computer labs.

As well as linking classrooms and staffrooms the network will connect the three computer labs. Currently each lab is networked within itself and contains approximately 25 computers. One is an IBM lab and as soon as the network is installed it will be upgraded to machines powerful enough to run graphics and multimedia. The second is a Mac Performa lab and the other contains Classic Macs that the school mainly uses for word processing.

In these laboratories students study a variety of courses, including desktop publishing, computer graphics, computer programming, computer robotics and keyboard skills.

The libraries or information centres offer a wide range of literature and electronic resources, including word processors for students to prepare their assignments. Soon the senior library will also contain the heart of the network — approximately 14 stacks from which teachers and students will be able to access CDs from any classroom within the entire school. They will also be able to log on to the Internet from over 60 access points.

Visit Telopea Park School's Web site at http://freenet.actein.edu.au/Telopea/Description.html

and you thought CD-ROMs were COOL

DVD technology is the way of the future and with the DVD Encore Kit from Creative Pacific you can be one of the first to check it out. . .

$799

DVD works with your computer system (of course), giving you access to huge amounts of data on one disc.

BUT DVD also contributes to your home theatre system, bringing you incredibly high quality, full-screen video with the added power of enhanced Dolby® Surround Sound. (Try getting a CD-ROM to do that.)

The Creative Pacific PC DVD Encore Kit is the perfect introduction to the power of DVD, combining:

- A DVD ROM drive - 24x CD ROM, 2x DVD ROM, supports all CD formats
- A TV-out Dolby Digital AC-3 output for a multi-channel amplifier, including a unique DXR2 card, offering 60 double scanned fields per second playback on full screen resolution (1280 x 1024)
- Includes a DVD title

Harvey Norman
COMPUTERS & COMMUNICATIONS

AVOID COMPATIBILITY PROBLEMS

Not all computer products suit all computers. Please check with our trained staff before you purchase.

Harvey Norman

HN15764

SYDNEY METRO
- AUBURN 9202 4888
- BALGOWLAH SUPERSTORE 9948 4511
- BLACKTOWN 9831 2155
- CAMPBELLTOWN (046) 28 4088
- CARINGBAH SUPACENTA 9542 7088
- CHATSWOOD WALLACEWAY 9419 6133
- FAIRFIELD 9727 8777
- GORDON CENTRE 9498 1499
- MOORE PARK SUPACENTA 9313 6500
- PENRITH (047) 32 1566
- WILEY PARK 9740 6055

NSW COUNTRY
- ARMIDALE (067) 71 3788
- BATHURST (063) 32 3399
- COFFS HARBOUR (066) 51 9011
- DENILIQUIN (03) 5881 5499
- DUBBO (068) 84 4977
- ERINA (043) 67 6444
- GRAFTON (066) 43 3266
- INVERELL (067) 21 0811
- LISMORE (066) 21 8888
- MAITLAND (049) 34 2423
- MOREE (067) 52 7531
- MUDGEE (063) 72 6514
- NEWCASTLE SUPERSTORE (049) 48 4555
- NOWRA (044) 21 5755
- ORANGE (063) 61 4111
- PARKES (068) 62 2800
- PORT MACQUARIE (065) 81 0088
- TAMWORTH (067) 66 3999
- TAREE (065) 51 3699
- WAGGA WAGGA (069) 21 7100
- WARRAWONG (042) 75 2722
- YOUNG (063) 82 5744

ACT
- FYSHWICK (06) 280 4140
- WODEN PLAZA (06) 282 2511

BRISBANE METRO
- ASPLEY OPENS SEPTEMBER
- CARINDALE (07) 3843 1700
- MT GRAVATT (07) 3849 4299
- OXLEY (07) 3332 1100
- WINDSOR (07) 3357 7777
- GOLD COAST OPEN 7 DAYS (07) 5538 3155

QUEENSLAND COUNTRY
- SUNSHINE COAST OPEN 7 DAYS (07)5444 8277
- BUNDABERG (071) 51 1570
- CAIRNS OPEN 7 DAYS (070) 51 8499
- MACKAY (079) 42 2688
- NORTH ROCKHAMPTON (079) 26 2755
- TOWNSVILLE (077) 25 5561

VICTORIA SUPERSTORES - OPEN 7 DAYS
- DANDENONG (03) 9706 9992
- MARIBYRNONG (03) 9318 2700
- MOORABBIN (03) 9555 1222
- NUNAWADING (03) 9872 6366
- PRESTON (03) 9269 3300

VICTORIA COUNTRY - OPEN 7 DAYS
- ALBURY (060) 41 1944
- BALLARAT (03) 5332 9344
- BENDIGO (03) 5447 2333
- GEELONG (03) 5274 1077
- MILDURA (03) 5051 2200
- SHEPPARTON (03) 5823 2530

WESTERN AUSTRALIA
- CANNINGTON OPENS SEPTEMBER (08) 9311 1100

NEW ZEALAND
- WAIRAU PARK, AUCKLAND NOW OPEN (09) 441 9750
- MANUKAU SUPACENTA OPENS SEPTEMBER (09) 262 7050

ClarisWorks for Kids

ClarisWorks has been justifiably popular in schools as it provides plenty of functionality and has modest hardware requirements. ClarisWorks for Kids (CWK) is aimed at five- to 11-year-olds and delivers a substantial subset of ClarisWorks Office (CWO) with a simplified interface.

Unfortunately, this simplification addresses the operation of the program (for example, icons in menus, speech feedback and large text in alert boxes) rather than its use. It was achieved by restricting the choices available rather than making it easier to obtain a particular result; it's no easier to produce a particular drawing in CWK than it is in CWO.

One major issue is that databases and spreadsheets cannot be created or modified. Instead, they must be based on a template accompanying the program or created n CWO. Upper-primary users may find this restrictive, but it provides a convenient way of deploying teacher-created templates without risk of accidental changes to the underlying structure. That's good if you want the whole class doing the same thing, but it does little to encourage independence and the ability to use a computer as a tool.

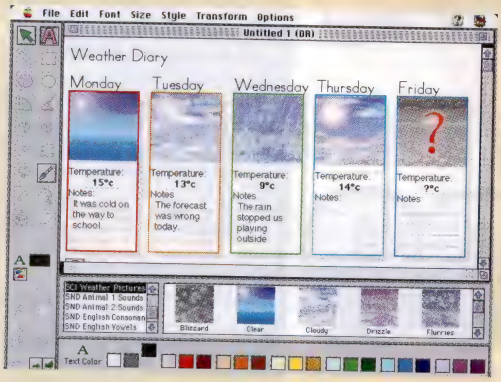
The range of templates and activities means around 150Mb of disk space is needed for a full installation. The templates cover art (including a 'picture frame' and square and triangular grids), graphing (most based on spreadsheets, but some to be completed with painting tools), lists (of books, friends, etc), and writing (with various combinations of rules and headings, some with provision for drawings).

The activities are diverse, covering maths (for example, flash cards), science (weather diary), English (writing, stories and rhymes), geography (drop the states onto the map) and more. The quality is variable, but there's something useful for most classrooms.

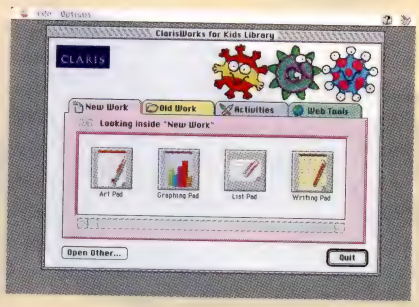
A proportion of the clip media relates to particular activities, but most of it has broader application. Australia gets the US/Canada edition, so some resources are inappropriate. The handwriting fonts are unlike the styles taught here, the 'people' clip-art doesn't reflect the faces in our streets and classrooms, and we don't really care about US presidents.

Ultimately, it comes down to philosophy. CWK meets its goals at a modest price, but I'd rather my primary-aged son continued to enjoy the creative freedom of CWO.

by Stephen Withers



ClarisWorks for Kids comes with a wide variety of templates and activities, including this weather diary.



ClarisWorks for Kids shields the user from the normal Open and Save dialogues with this tab and button interface.

ClarisWorks for Kids

Overall value: ★★★

System requirements: 68020 or better, System 7.1 or higher, 8Mb RAM (10Mb with System 7.5 or 7.6), CD-ROM, 30Mb disk space (150Mb full installation, 13in monitor

From: Dataflow (02) 9417 9700

Publisher: Claris http://www.claris.com.au

List price: $89

School PC AUSTRALIA

Cover design: Michèle Heibel

Editor Helen Dancer
Managing Editor Glenn Rees
Art Director Michèle Heibel
Sub Editor Fiona Tomarchio
Editorial Assistant Kathryn Hawkins
Web Master John Hilvert
Software Reviewer Linda Bruce

School PC Australia is published on the second last Wednesday of every month from January to October — as a supplement in *Australian PC User* magazine and as a separate publication to schools and by subscription. *School PC Australia* and *Australian PC User* are published by ACP Computer Publications, a division of ACP Publishing Pty Limited ACN 053 273 546.

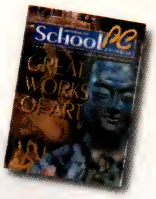
Head Office: 6th Floor, 54 Park Street, Sydney NSW 1028; telephone (02) 9288 9138; fax (02) 9267 4909. Printed by HannanPrint Sydney, 140 Bourke Road, Alexandria. Material contained within *School PC Australia* is protected under the Commonwealth Copyright Act 1968. No material may be reproduced in part or in whole without written consent from the copyright holders. All rights reserved.

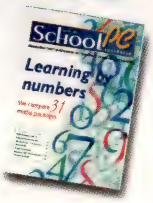
National Advertising Manager Wade Gilmore (02) 9288 9146; wadeg@acp.com.au
General Manager Computer Publications Mike Udabage
Group Publisher Tim Trumper
Managing Director Colin Morrison

Extra copies
A limited number of extra copies of this month's *School PC* are available for just $2, plus 50c postage and handling. To order extra copies, contact Kathryn Hawkins using the following methods.

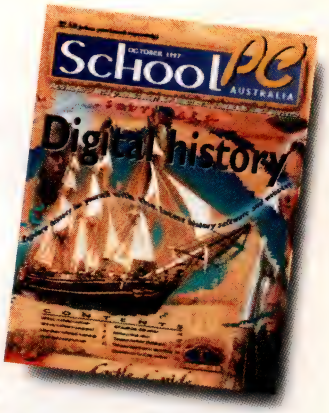
How to contact us
Postal: School PC, GPO Box 4088, Sydney NSW 1028
Web: http://www.schoolpc.acp.com.au
Fax: (02) 9267 4909
E-mail: schoolpc@acp.com.au
Phone: (02) 9288 9138

Subscribe to School PC today!





School PC Australia **covers both IBM-compatible platforms as well as Apple computers.** ***School PC Australia*** **is the magazine for all Australian schools — primary and secondary, public and private, rural and city, including special purpose schools — across all states and territories.**



SUBSCRIBE TO *SCHOOL PC AUSTRALIA* FOR ONE YEAR (10 ISSUES) AND KEEP UP-TO-DATE ON THE FOLLOWING:

- **Education news** and issues from across Australia.
- **Reviews**, comparisons and advice mainly for school technology buyers, but also for parents.
- **Case studies** on what schools are doing with technology, and teaching techniques.
- **Real-world** classroom solutions for teachers.
- **Tips and tutorials** to increase the computer expertise of our most valuable resource — our children.
- **Interaction** with readers — and between readers. Teachers, students and anyone else interested will not only be asked for their ideas — we'll be publishing them on the Web! **(see http://www.schoolpc.acp.com.au)**

RECEIVE School PC AUSTRALIA EVERY MONTH!

☐ **YES**, please arrange my subscription to ***School PC Australia*** **for one year (10 issues)**

❑ 10 issues at the introductory price of $19 (save $6.00 on the cover price) plus free postage and handling.

Payment details: (tick one only)

❑ I enclose my cheque/money order for $_____ made payable to ACP Direct.

Or, please charge $_____ to the credit card nominated.

❑ Bankcard ❑ Mastercard ❑ Visa ❑ Diners Club

❑ American Express (*Offer applies to Australian residents only.*)

Signature _____ Expiry date ___ /___

Please print clearly:

Mr/Mrs/Miss/Ms _____ Initials _____ Surname _____

Street Number/Name _____ City/town/suburb _____

Postcode _____ Daytime Phone Number ( ) _____

1. Which of the following job titles most closely matches your position?

❑ 1. Managing Director, General Manager
❑ 2. Data Comms/Network Manager
❑ 3. LAN Manager
❑ 4. Microcomputer Manager
❑ 5. MIS Manager
❑ 6. EDP/DP Manager
❑ 7. Project Manager/Group Leader
❑ 8. Engineer/Architect
❑ 9. Accountant/Finance Officer
❑ 10. Systems/Programme Analyst
❑ 11. Consultant/Advisor
❑ 12. Other Computer Department Employee
❑ 13. Educator
❑ 14. Sales Representative
❑ 15. Office Administrator
❑ 16. Student
❑ 17. Other Professional
❑ 18. Other (please specify)

_____

2. What is your organisation's primary business activity?

❑ 1. Government, Utilities
❑ 2. Agriculture, Mining, Oil
❑ 3. Transportation
❑ 4. Construction
❑ 5. Computer Manufacturer/Distributor
❑ 6. Communications
❑ 7. Computer Retailer/Reseller/ Consultant
❑ 8. Finance, Banking, Insurance
❑ 9. Research & Development
❑ 10. Engineering, Architecture
❑ 11. Manufacturing (non-computer)
❑ 12. Retail (non-computer)
❑ 13. Publishing, Media
❑ 14. Health
❑ 15. Legal
❑ 16. Armed Forces
❑ 17. Other (please specify)

_____

3. How much IT equipment do you anticipate being involved with the purchase of during the next 12 months at work? (Please include all hardware, software, peripherals, connectivity equipment and consumables).

❑ 1. None
❑ 2. $1 - $999
❑ 3. $1000 - $4999
❑ 4. $5000 - $9999
❑ 5. $10,000 - $49,999
❑ 6. $50,000 - $99,999
❑ 7. $100,000 - $249,999
❑ 8. $250,000 - $499,999
❑ 9. $500,000 - $999,999
❑ 10. $1,000,000+

4. How many microcomputers are you directly responsible for at work?

❑ 1. 1 - 9
❑ 2. 10 - 19
❑ 3. 20 - 49
❑ 4. 50 - 99
❑ 5. 100 - 499
❑ 6. 500 - 999
❑ 7. 1000 - 1999
❑ 8. 2000 - 4999
❑ 9. 5000+

97SPOC

For immediate attention, please use our Fast Phone Service. In Sydney ring (02) 9260 0000. Elsewhere, 1800 252 515 – free call.

(If ordering by phone, the operator will record your answers).

Mail to: Reply Paid 764, School PC Australia, GPO Box 5252, Sydney NSW 1028. (No postage stamp required if posted in Australia)

OR, fax your order on (02) 9267 4363.

Published by ACP Computer Publications, a division of ACP Publishing Pty Limited ACN 053 273 546

School PC Australia is being delivered free of charge to every Australian school for a limited time only. Ensure you receive EVERY issue. Subscribe today!

YOUR HOME OFFICE doesn't need to have

an impressive address,

or heaps of staff...

all you need are full-colour printouts

that make you look like you do.

EPSON Stylus COLOR 600

The new EPSON Stylus COLOR 600 inkjet offers you a new dimension in business and home printing. It's the first with 1440 x 720 dpi resolution for incredible colour on a wide range of media - only EPSON has it! And photo-quality even on plain paper*. All as standard with no expensive options required. You won't find better value for money. What's more, it's faster and more economical to run than other competitors. And easy to use. Now with the EPSON Stylus COLOR 600 you have the power to create.

EPSON®

PERFECTPICTURE IMAGING SYSTEM • PC & MAC™ • FULL FOUR-COLOUR • QUICKDRY INKS™

Sydney (02) 9903 9000 Melbourne (03) 9685 6555 Brisbane (07) 3360 0219 Perth (08) 9480 0418 http://www.epson.com.au

*720x720 dpi on plain paper. EPS 0157/R The HALE Agency

Home office productivity kit

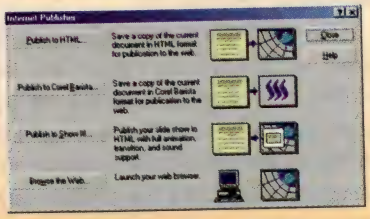
Make your business and personal life more productive with these handy software tools. Rose Vines starts with the heart of any home office toolkit . . .

Office suites

Watch out, Microsoft! Corel has finally done it. The Canadian company has released a version of WordPerfect Suite which combines features *and* performance. In the process, it has shunted Lotus SmartSuite aside and is now breathing down Microsoft's neck in the office suite stakes.

We pitted the current versions of each of the major suites — WordPerfect Suite 8.0, Microsoft Office 97 and Lotus SmartSuite 97 — against one another, and found that Microsoft's lead in the field is being threatened. We reviewed Office 97 and SmartSuite 97 in some detail in the February '97 issue of *PC User* (page 37), so in this article we'll focus on Corel's new product, and provide a quick overview of the Microsoft and Lotus suites.

Strong Net features



The Internet capabilities of WordPerfect Suite 8.0 are one of its key strengths. Publish to plain HTML or use Corel's innovative Barista technology to create Java-driven Web pages.

Corel WordPerfect Suite 8.0

System requirements: Win 95 or Win NT 4.0, 486 66MHz processor, 16Mb RAM, 50Mb hard disk space (120Mb typical install), CD-ROM drive, VGA monitor, mouse or tablet
From: Corel
List price: $549 ($649 for Professional version)

Corel WordPerfect Suite 8.0

WordPerfect has been crying out for improvements. The last time we took it for a spin its sluggish performance made us long for a 300MHz Pentium II.

This time around, Corel has done it right. Performance is noticeably improved, the interface has been cleaned up so you're not overwhelmed with choices, and the old grab-bag of programs has been replaced with a new collection which is more appealing.

In WordPerfect Suite 8.0, you'll find WordPerfect 8.0, Quattro Pro 8.0, Presentations 8.0, Desktop Application Director 8.0, Photo House, Bitstream Font Navigator, Envoy Viewer, QuickView Plus, and SDK (Software Developer's Kit), and the usual generous collection of fonts, clip-art and photos. Gone is the powerful but complex InfoCentral. In its place is CorelCentral, a contact manager, schedular, conferencing, e-mail and newsgroup package built around Netscape's Communicator and Starfish's Sidekick.

If you buy the Professional version of WordPerfect Suite 8.0, you'll miss out on Photo House but get the Paradox 8.0 database Web.SiteBuilder and TimeLine project management.

Corel released WP Suite 8.0 before CorelCentral was ready to be shipped, so we didn't get to try out that component. But anyone familiar with Netscape Navigator or Communicator and the Sidekick personal information manager will recognise most of the elements of CorelCentral. It remains to be seen how well CorelCentral integrates with the other parts of the suite.

Despite the performance improvements, you won't want to run WordPerfect Suite (or either of its competitors) on anything less than a Pentium with 16Mb of memory.

An improved interface

One of the ways Corel has smartened up its applications is by the use of Property Bars. The Property Bar is a context sensitive toolbar, which changes depending on the task you're currently performing.

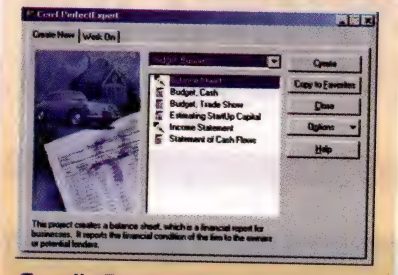
The Application Bar at the bottom of the screen displays the names of all open documents and allows you to flip between them with a single click. You can customise the bar so that it displays other information, such as the current font and alignment, and then change these settings on-the-fly.

The menus and toolbars throughout the applications are also far more consistent and logically structured than previously, although there are still a few out-of-place items. For example, if you turn off the Application Bar from its right-click menu, you'll have to search all the way to the Tools, Settings, Display dialogue to turn it back on again.

While Corel's design minimises screen clutter and makes it easier to find just the right option, everything is customisable if you so choose.

Corel has taken a leaf from Microsoft's book and introduced PerfectExperts, online help which responds to 'natural

Perfect documents



Corel's PerfectExperts can step you through the creation of a huge number of standard documents.

language' and which combines Wizards and step-by-step guides. Unlike the in-your-face Microsoft Assistants, the PerfectExperts have a staid demeanour and don't get in the way as much, but the natural language responses leave something to be desired.

Internet nous

WordPerfect Suite 8.0 is at least as Internet savvy as Office 97. Type a URL or e-mail address in any of the applications and it is automatically converted to a hot link.

In keeping with the current trend to eliminate distinctions between files on the Web and files on your computer, WordPerfect Suite allows you to open and save files locally or to the Internet.

You can save your files in HTML format and then choose Send To, Web Publishing Wizard from the File menu of any application to publish your pages on the Web.

The word processor includes an Internet Publisher, which lets you format your current page as an HTML document, publish the HTML document, create a new Web document from scratch (or using a template) or launch a browser. Even more powerful is the Internet Publisher in Presentations which, among other options, lets you publish as an HTML incorporating sounds, animation and transition effects, or publish using Corel Barista.

Barista is Corel's fascinating Internet technology that transforms documents into HTML pages containing Java applets ready to publish on the Web or view with any Java-capable browser. You can publish any type of document to Barista (using File menu, Send To, Corel Barista), but you'll find some things work well with the technology and others don't. Barista and Presentations make a wonderful match, provided you take care to experiment with the size of your files so you don't put your viewers on eternal hold.

With all the Internet publishing options, WordPerfect still has a long way to go in being able to convert anything other than fairly simple documents to HTML. If you want to take complex documents to the Web, you'll need to buy the Professional version which includes Web.SiteBuilder, or add a Web publishing tool from another company to your arsenal of applications. WordPerfect is not alone in this limitation: the same can be said of Office and SmartSuite.

A good buy

If, when it's finally released, Corel does a good job of integrating CorelCentral with the other applications in its suite, Microsoft really does need to start worrying. WordPerfect Suite 8.0 is a great product, worthy of anyone's consideration when purchasing an integrated package.

Those who own an earlier version of WordPerfect Suite (or WordPerfect itself) will definitely want to get this upgrade.

Lotus SmartSuite 97

System requirements: Win 95 or Win NT 4.0, 12Mb RAM (16Mb for Win NT), 486 50MHz processor or higher, 75Mb hard disk space (can run applications from CD-ROM drive), CD-ROM drive or floppy disk drive, VGA monitor
From: Lotus Development Corp
List price: $819

Lotus SmartSuite 97

If you work regularly with a group of people and need to share data and documents regularly, SmartSuite is definitely an attractive proposition. But Lotus's focus on workgroup computing shows up in a lack of detailed attention to 'solo user' features, and this lack of attention has let it slip behind the other suites in terms of features and ease of use.

It's not that there's anything particularly poor about any of the Lotus applications: Approach is a wonderfully easy-to-use database which still offers plenty of power; similarly Organizer puts a great interface on a powerful information manager. Lotus 1-2-3 holds it own against Excel and Quattro Pro; and Word Pro is perfectly serviceable, if not quite the powerhouse that you'll find in the competing word processors.

What is lacking are the details. For instance, Organizer doesn't have a clue about the Web, apart from being able to point you to Lotus's homepage or embed a Web page as an OLE object in its notepad. But there's no hot-linking of addresses or Web site names as you'll find in CorelCentral and Outlook.

Lotus has also gone its own way in interface design. For dedicated Lotus users, this is no problem. But if you're used to standard Windows application toolbars, you'll find a steeper learning curve moving to Lotus than to any other suite. That's because icons for things, such as opening and saving documents, are done in a distinctly Lotus style. It does a lot for individuality, but not much for useability.

Working with tables in Word Pro is a complete pain, with a totally counter-intuitive set of selection cursors. And to create a link to information on the Internet, 1-2-3 forces you through a five-step process in which you create a button and link it to a URL. To achieve the same thing in Quattro Pro and Excel you simply type the URL.

There *are* some neat interface features in SmartSuite, such as the InfoBoxes. These let you set all the attributes for a particular item without having to repeatedly open menus and dialogue boxes. And the toolbars and menus change to reflect the item you're currently editing, saving screen space and making it easier to find the right tool.

Lotus is also without par in its collaboration tools: versioning, revision tools, sharing documents with others. In particular, SmartSuite teams up with

Office suites scorecard

	List price	Ease of use	Features	Performance	Web readiness	Integration	Overall value
Lotus SmartSuite 97	$819	★★★	★★★★	★★★★	★★★	★★★	★★★
WordPerfect Suite 8.0	$549	★★★★	★★★★★	★★★★	★★★★	★★★	★★★★
Microsoft Office 97	$749	★★★★★	★★★★	★★★★★	★★★★	★★★★	★★★★★

another Lotus product, Notes, to make an extraordinarily powerful environment for sharing information and tasks.

However, while all the applications are powerful and not too daunting to use, the lack of attention to details in the user interface is beginning to show.

Microsoft Office 97

Microsoft Office has grabbed about 80 per cent of the suite market. While this is at least partly due to Microsoft's marketing muscle, it's also because Office deserves its pre-eminence.

The strength of Office 97 comes from three main factors: rock solid core applications; excellent integration across the suite; and detailed dedication to useability.

Word, Excel, PowerPoint and Access (included in the Professional edition of the suite) are all outstanding products. When Microsoft replaced Office 95's awful Schedule + with Outlook, it produced an all-round solid suite.

Office 97 makes good use of shared components so that many functions are the same from one application to another.

It's highly Internet aware, with automatic formatting of URLs and e-mail addresses, a variety of Internet publishing options, dialogue boxes which connect to your hard disk, network or the Web interchangeably, and a common Web toolbar in each of the apps. You can set up live feeds of data from the Internet into a spreadsheet cell with a few clicks, and Access offers Wizard-driven publishing of database data.

The Internet Assistant is a character which watches over your shoulder as you work, offering tips when you seem to be stuck, and even offering to perform tasks for you. It is extraordinarily good at parsing help requests that you type in standard English.

Making your choice

Let's face it: if you're among the 80 per cent of users who use no more than 20 per cent of the features in any application, it's unlikely you're going to be swayed in your purchasing decision by the number of features in a package.

Anaylyse your work. If there are one or more tasks you repeatedly perform, take each of the packages for a test run and check out the functions for yourself.

If, on the other hand, you want a suite with all-round capabilities, your choice really should be either Microsoft Office or Corel WordPerfect Suite.

WordPerfect Suite offers more in terms of value for money. If you're on a budget, it will be hard to justify buying anything other than Corel's great new suite.

Works packages

The large office suites aren't for everyone. The price tag, for a start, is enough to intimidate most home users as well as any organisation with limited funds.

For many people they're also overkill, requiring quite a steep learning curve. Office suites also require hardware on steroids: you'll need at least 100Mb of hard disk space, a Pentium processor and 16Mb of RAM to get the most out of them.

A much better option for most home users and many small business owners is a 'works' package. These products, like their bigger siblings, tie together a group of applications. Unlike office suites, they'll run on a 386 with 8Mb of RAM, plus they're less expensive and they won't overwhelm you with options and power.

Microsoft Office 97

System requirements: Win 95 or Win NT 3.51 with Service Pack 5 or higher, 486 processor, 16Mb RAM, 60Mb hard disk space (102Mb typical install Standard Edition, 121Mb typical install Professional Edition), CD-ROM drive, VGA monitor, Microsoft-compatible mouse
From: Microsoft Australia
List price: $749 Standard Edition; $889 for Professional Edition

ClarisWorks Office 5.0

ClarisWorks has long been a favourite works package of ours. It includes word processor, spreadsheet and database programs, plus some very useful drawing and painting features.

ClarisWorks lets you create documents from scratch or use one of the many in-built 'stationery' (or templates) and assistants' (or Wizards). The assistants are broken into categories such as household management, small business, marketing, classroom management, and so on. You can use these assistants as is, or modify them to suit your own needs.

Pick the odd one out

Who's the odd one out? You could be forgiven for failing to distinguish between the Microsoft and Corel toolbars (above), while the Lotus toolbar is clearly its own entity. It may make for a distinctive interface, but it makes for a steeper learning curve when you first start using SmartSuite.

Of all the ways the BJC-7000 revolutionises printing, the most dramatic is

the P-POP difference.

"Absolutely breathtaking" photographic printing. "Capabilities never before seen..." Then there is the big difference! P-POP.

"CANON PUSHES STATE OF THE ART..."[1]

P-POP is Plain Paper Optimised Printing. As the "printer industry bible" (Hard Copy Observer) says, it "...pushes state of the art...",[1] to completely change plain paper print quality.

An all new approach. P-POP bonds an invisible ink optimiser to the paper before inks are applied. The inks, in turn, bond to the optimiser.

This dramatically reduces ink diffusion. Text and lines are better defined, colours are more vibrant and tones are sharper because the inks are not mixed in an unwanted way.

100% water resistant. P-POP also extends document usability.

Colours and blacks are far less likely to fade. And print-outs become water fast.

P-POP™ Water Resistance

Multiple ink systems, 1200 dpi. The BJC®-7000 can use either of two colour systems with the black and ink optimiser cartridge. One system uses conventional CMY inks[2], and prints with resolution up to 1200 dpi, so that even photos can be reproduced with extraordinary quality on plain paper with conventional inks using P-POP.

"ABSOLUTELY BREATHTAKING" PHOTOGRAPHIC PRINTING.

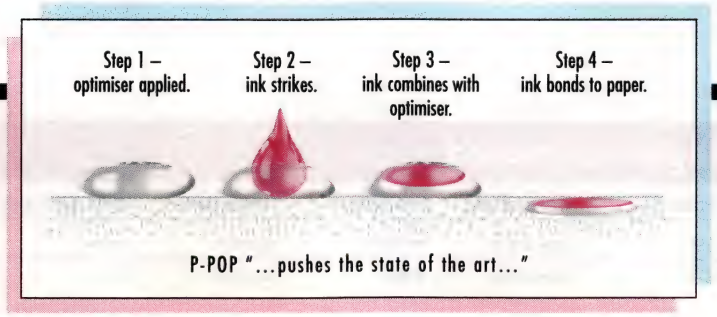
The other system is second generation PhotoRealism. As Hard Copy Observer says, "...(it) is absolutely breathtaking...".[1]

The first "7-colour process". The secret is the PhotoRealism colour ink cartridge, included as standard. It uses a seven-ink process, conventional CMY, new lower density CMY inks, plus black. Also, thanks to P-POP it is the first low-density ink system that can be used on plain paper.

Photo Realism™

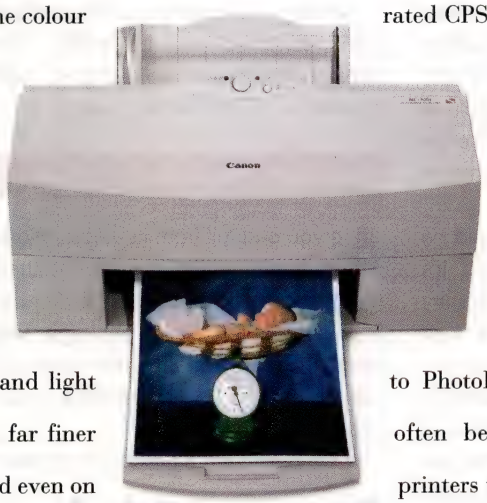
1. U.S. Hard Copy Observer, August 1997. 2. Optional BC-61 CMY ink cartridge. 3. Speed is an estimate and, for comparability, is based on a competitive manufacturer's colour retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon and the Canon logo are registered trademarks and PhotoRealism and P-POP are trademarks

BJC-7000 – $729 RRP



A new gold standard. PhotoRealism is not a self-styled "photo-quality mode", but a unique Canon invention that is fast becoming the gold standard of the industry, delivering near silver halide photographic quality.

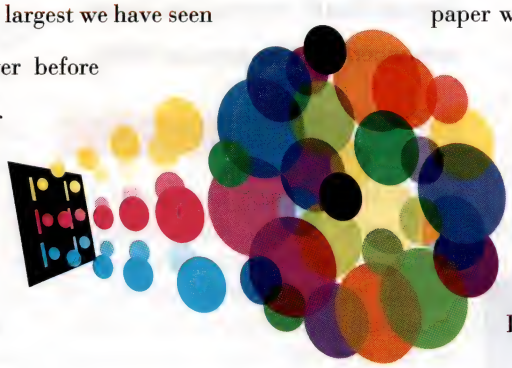
9000% more colour! The inks can be combined and layered, producing up to nine saturation levels per colour, per pixel. This results in up to 90 times the colour combinations of traditional CMYK inks, and considerably better "process blacks and darks".



Almost invisible pixels. This, combined with the Canon Colour Image Processing System (CCIPS), completely changes the way both dark and light half-tones are reproduced. Colours have far finer gradations without banding and lines. And even on hard-to-produce light shades such as skin tones and off-whites "...individual pixels in the image are barely visible".[1]

"(CARTRIDGE) CAPABILITIES NEVER BEFORE SEEN..."[1]

Then, the cartridges "...are the largest we have seen ...(offering) new capabilities never before seen in a desktop inkjet printer ...(with more ink nozzles) than any other cartridge in the industry".[1]



Second generation PhotoRealism produces 9000% more colour combinations for "absolutely breathtaking" results.

50% smaller nozzles. The nozzles are approximately half the diameter of previous models, so the ink drops are far finer. They are then fired at speeds close to 10,000 drops per second, using up to 1088 ink nozzles.

Blacks 80% faster. There are 304 nozzles for black alone. This generates speeds up to 720 characters per second with bi-directional printing, and up to four text lines per head pass. Putting this in perspective, this is 80% more than the rated CPS speed of the Epson 800!

480 colour nozzles. There are 480 nozzles dedicated to colour in the PhotoRealism cartridge. (This is 150% more nozzles than the Epson 800.)

The BJC-7000 achieves colour speeds as high as 4 ppm.[3] And, thanks to PhotoRealism, true photographic quality can often be delivered at speeds far faster than printers using only conventional inks at high dpi.

Lower costs, better paper handling. Better plain paper use can obviously lower operating costs. There is also new, full-bleed A4 printing and the ability to print full card stock at paper weights up to 550 g/m2 (0.8mm).

Canon Customer Care. Finally, the BJC-7000 features a one-year warranty, upgradeable to three years for minimal cost, and is backed by our Customer Care hot-line support. Drivers are available for DOS and Windows 3.1x/95.

If you would like to learn more, call us on 1 800 021 167.

text test. Actual speed will vary based on system and other factors. Canon estimates maximum colour graphic performance at 3.5ppm. Price as shown is recommended
of Canon Inc. All other trademarks are the property of their respective owners.

CS/4372

Canon

Works packages scorecard

	Price	Ease of use	Features	Performance	Web readiness	Integration	Overall value
ClarisWorks Office 5.0	$99	★★★★★	★★★★	★★★★	★★★	★★★★	★★★★★
Microsoft Works 95	$79	★★★★★	★★★	★★★★	★	★★★	★★★★

ClarisWorks excels in making it easy to integrate different types of information in a document. For example, you can insert spreadsheet data in a word processing document simply by selecting the spreadsheet tool and drawing on your document.

ClarisWorks also provides some advanced features, including section formatting in the word processor, which lets you create different formats for different parts of a document and include multiple headers and footers. There's also an outliner for planning documents and a simple slideshow creator.

Version 5.0 of ClarisWorks should be available by the time you read this. It's more an evolutionary than revolutionary improvement over version 4.0, but, from the beta version we have looked at, the upgrade appears to be well worthwhile.

The interface has been improved, most notably the new button bar. You can choose from over 100 buttons, which provide one-click access to the most commonly used features, or create your own. It's easy to edit the existing button bars or create your own, and to switch between button bars for different tasks. There are also more assistants and stationery.

Also, like all new applications, Internet features have been added, including the ability to add Web links to your documents, start your browser from within ClarisWorks, and save documents into HTML format.

Other new features include more file converters, new natural language spreadsheet formulas, a pop-up menu of speadsheet functions and the ability to use graphics and movies in database fields. A new equation editor 'plug-in' has been added, as well as the ability for third-party developers to create other ClarisWorks plug-ins.

At its normal retail price, ClarisWorks 5.0 is very good value, but at $99 — the special deal Claris is offering *PC User* readers — it's tremendous value.

ClarisWorks Office 5.0

System requirements: Windows 95 or NT 4.0, 386 or higher (486 for NT), 8Mb RAM (16Mb for NT), CD-ROM drive, 21Mb hard disk space, Internet connection
From: Claris1800 028 316, fax (02) 9905 6870
List price: Normally $174
Special offer for PC User readers: $89 (or $59 for version 4) plus $10 shipping and handling. (Just call Claris and mention PC User to get your special deal. Offer ends October 31, 1997)

Microsoft Works 95

As you can tell from its name, Works 95 has received less recent attention from Microsoft than its beefier sibling, Office 97. This package was released shortly after Windows 95 came to market but it's standing up surprisingly well for its age.

Like ClarisWorks Office, it includes a word processor, spreadsheet, database and communications package, but it's missing Claris's more extensive graphics and some other advanced features. But if all your needs are limited to correspondence, a mailing list, a personal budget and other simple tasks, Works 95 will do the job with a minimum of learning time and at a great price.

One final warning about works packages, however: although they are definitely simpler to learn and to use, their lack of power and flexibility makes them *harder* to use if you want to strike out into new territory.

by Rose Vines and Glenn Rees

Microsoft Works 95

System requirements: Windows 95 or Windows NT 3.51 or later, 6Mb RAM (12Mb for NT), 386DX or higher, 5Mb minimum hard disk space
From: Microsoft (02) 9870 2200
List price: $79 ($109 with MS Bookshelf)

Personal information managers

Reviews

Angela Booth reviews the latest enhancements to popular PIMs.

Sidekick 97

The latest version of Sidekick has moved into a new direction, focussing on communications. New features include automatic dialling and updating of your contacts lists, integrated fax and mail merge, e-mail, and access to Internet URLs.

Sidekick has everything you need in a PIM. The calendar shows daily, weekly, monthly and yearly views, and you can assign appointments and tasks to categories, and include as many notes as you need. You can also create additional calendars, if you want to keep special project calendars, or calendars for social activities.

The heart of Sidekick is the Cardfile, which is basically a database. You can create as many Cardfiles as you need.

A word processor called Write is also integrated into the program. However, this isn't your average word processor. It has all the basics, but also has a nifty way of organising files, which makes it much easier to

Sidekick 97

System requirements: Windows 95 or Windows NT 4.0; 486 or higher, 8Mb RAM (16Mb for NT), 12Mb free disk space, 32-bit Internet browser
From: Marketing Results (02) 9899 5888
List price: $90

New Super Economy mode lowers costs in colour and B&W to print

page after page after...

For just $269 RRP, the new BJC®-210SP delivers both Photo Mode quality colour, and black & white at a speed comparable to a personal laser. It also helps lower operating costs in two ways.

Use 75% less ink. A new Super Economy mode has been developed.

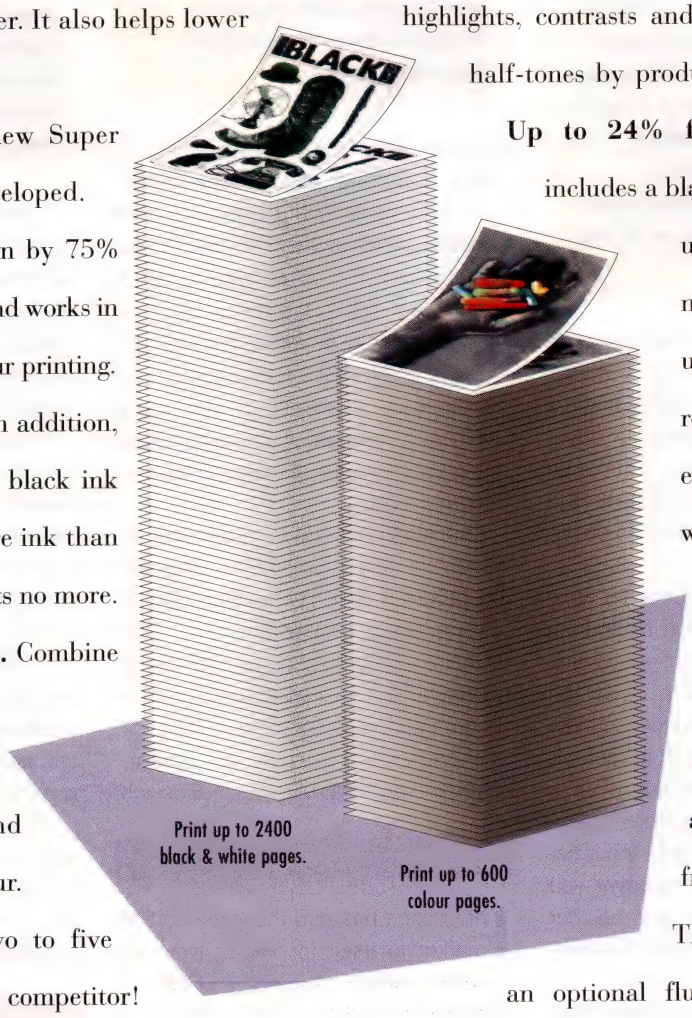
It reduces ink consumption by 75% compared to Standard mode, and works in both black and white and colour printing.

Bigger black cartridge. In addition, there's the new high capacity black ink cartridge that holds 20% more ink than our previous cartridge, yet costs no more.

Up to 5 times the output. Combine these two features and the new BJC-210SP can print up to 2400 pages in black and white, and up to 600 in colour.

That's anywhere from two to five times the output of any direct competitor!

Photo Mode quality printing. Using the colour cartridge, included as standard, the BJC-210SP offers a choice of three high quality print modes – Normal, Fine and Photo.



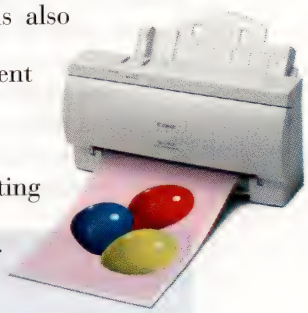
Advanced half-tones. Photo mode uses the Canon Colour Image Processing System (CCIPS) to emphasise highlights, contrasts and shadows and visibly improve half-tones by producing a richer process black.

Up to 24% faster. The BJC-210SP also includes a black cartridge as standard. It has up to twice as many print nozzles as direct competitors, is up to 24% faster[1] and delivers resolution up to 720 dpi. It is equally impressive in colour, with speeds in excess of 1ppm.[2]

Canon Customer Care. All Canon printers feature a one-year warranty, upgradeable to three years for minimal cost, and are backed by hot-line support from our Customer Care staff.

There is also an optional fluorescent ink cartridge for high impact.

For more information on cutting printing costs call 1 800 021 167.

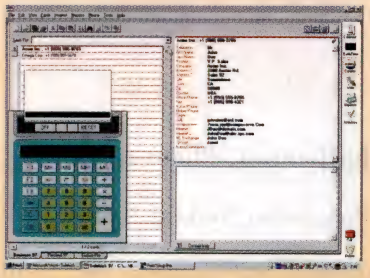


1. B&W speeds based on manufacturer's actual characters per second ratings. 2. Print speeds will vary based on file sizes and system capabilities, and, for easy comparability, are based on recent tests of other manufacturer's speed claims. Price as shown is the recommended retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon, the Canon logo and BJC are registered trademarks of Canon Inc. All other trademarks are the property of their respective owners. CS/4373

BJC-210SP – $269 RRP

Canon

D-I-Y databases



Earth Time: if you do business overseas, this Sidekick 97 module saves confusion. You can create your own databases within Sidekick: a contacts file is provided on startup. Check for other database templates in the templates folder.

see at a glance what work you've done on a project or for a client.

Write does this by utilising binders and folders for you to store your documents. Each binder (which is a separate Write file) can have many folders, and you'll see the folder titles as tabs on the bottom of the screen.

Templates are also included for Write files. The templates contain fields from Cardfiles, so it's a simple matter to create a letter, fax or e-mail for a client: the appropriate data is inserted for you automatically. A feature called AutoSpell will check your spelling as you type.

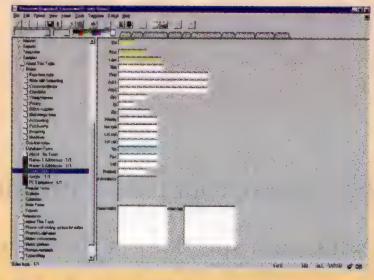
Unfortunately, Sidekick doesn't feature a spreadsheet along with the database and word processor. However, you do get a terrific calculator, and another module called Expenses, which allows you to keep track of your money.

Communications is the central feature of the program, and since much of our communication is now global, a useful module called Earth Time lets

Info Select 4.0

System requirements: Windows 95 or NT 4, 4Mb free hard disk space, 8Mb RAM, mouse, CD drive (not required if you download from Step Up Systems)
From: Step Up Systems http://www.stepup.com.au/
Publisher: Micro Logic http://www.miclog.com/
List price: $199; upgrade $99

Database or freeform



Info Select 4.0 features a database format as well as freeform notes.

you see what the current time is in eight countries around the world.

If you work with people in other countries, you'll love the Internet scheduling feature. This allows you to set up events and book resources using e-mail. Sidekick uses either Internet Mail (POP 3) or Microsoft Exchange to create these appointments for you. If you don't have these set up on your system, doing so is easy as long as you have an Internet account.

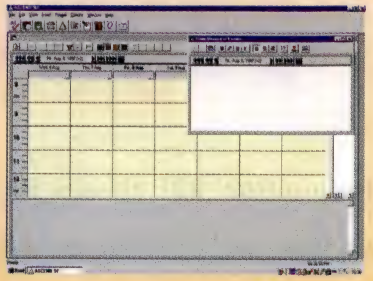
Sidekick is bound to make your life easier, and it's a terrific PIM. However, the program doesn't use OLE (Object Linking and Embedding) or DDE (Dynamic Data Exchange), so there's no way to link files you create in other programs to your contacts in Sidekick. You can't, for example, link spreadsheet and presentation files to Sidekick.

Info Select 4

Info Select has had the freeform PIM market to itself for years. Now the program, which started in DOS, is available in full 32-bit, with all the usual 32-bit enhancements: long filenames, right-click context menus, more speed, and better multitasking.

The biggest enhancement is the program's ability to integrate your online activities. Not only does Info Select 4.0 let you organise and retrieve all the data you download from the Internet, but you can also compose and send your e-mail from within the program. The ultra-fast search engine, with its combination of exact, neural and Boolean searches, means that finding your data is a snap.

Work in modules



Ascend functions as a group of linked modules: you can link contacts with tasks and appointments, and can easily keep contact logs.

You enter information into Info Select 4.0 via Notes. Your Notes can be just that — freeform snippets of information, which you can organise outline-style into hierarchies. However, your Notes can also be letters, faxes, forms or database records.

The program includes a word processor, with spell checker and thesaurus, and you can insert OLE (Object Linking and Embedding) objects into any note. Templates (letters, faxes, invoices, etc) are also included, or you can turn any Note into a template.

Info Select 4.0's interface is very sleek and sophisticated. The Selector (the summary listing of your data on the left of the working area) is easy to use, and gives a fine overview of your information.

The only feature I was disappointed with was the calendar. It's functional, and you can have as many calendars as you wish, but you can't drag and drop from a Note to a calendar.

Ascend 97 for Windows 95

Ascend is the computerised version of the Franklin Day Planner. It does everything you'd expect a PIM to do, including tracking your tasks and appointments, storing your phone book, and managing miscellaneous

Ascend 97 for Windows 95

System requirements: 486, 8Mb RAM
From: Franklin Quest Australia (02) 9622 0888
List price: $249

Brilliant colour, PhotoRealism and an extra large print head for

faster blacks.

When it comes to versatility, the BJC®-4200 is ahead of its class.

Four printing systems. It accepts a choice of four different cartridge-based printing systems, designed to tailor your output to your printing needs. Two are included in the box as standard.

Photo quality CMYK. The first standard system is four-colour process printing, with driver settings for Economy, Text and Photo. The Canon Colour Image Processing System (CCIPS), and resolution up to 720 dpi, gives you outstanding half-tones by combining pure and process blacks.

Blacks at twice the speed. The other standard system, specifically for black & white correspondence, is an unusual feature.

It is a dedicated, extra large black ink cartridge with 128 print nozzles capable of printing two text lines at speeds up to 510 characters per second.

Don't be confused. Many manufacturers make all sorts of claims about pages per minute. But, in reality, using their own characters per second ratings, you'll find that the BJC-4200 can be more than twice as fast! (Also see output chart.)

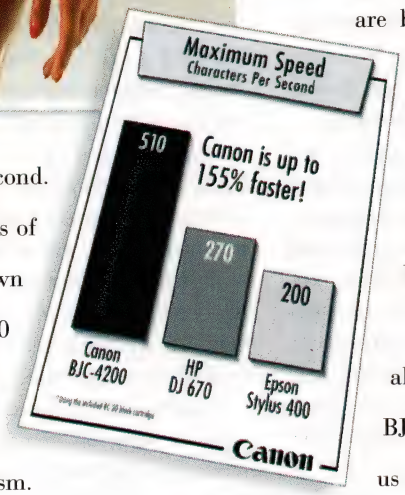
Canon's exclusive PhotoRealism. Third, there is Canon's unique PhotoRealism. This option is more than just a claim, it is fast becoming the photo quality printing gold standard.

500% more colour combinations. Special low-density inks can vary the amount of saturation per pixel so that a single dot could have 0%, 33%, 67% or 100%. This produces up to five times as many colour combinations as conventional CMYK inks.

Virtually no pixelisation. The result is better half-tones and more subtle colour gradations, with almost no visible grain and dots, even in areas of low colour density.

Canon Customer Care. All Canon printers feature a one-year warranty, upgradeable to three years for minimal cost, and are backed by Customer Care hot-line support. Finally, our fourth ink system, Fluorescent ink, is also an option, and drivers are available for DOS, Windows 3.1x/95 and Windows NT.

If you would like to learn more about tailoring the highly versatile BJC-4200 to your printing needs call us on 1 800 021 167.



Price as shown is the recommended retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon, the Canon logo and BJC are registered trademarks and PhotoRealism is a trademark of Canon Inc. All other trademarks are the property of their respective owners. Competitive print speeds are the actual published character per second ratings of the respective manufacturers.

CS/4371

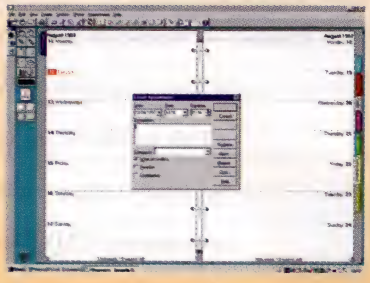
BJC-4200 – $429 RRP

Canon

Personal information managers compared

	Time management	Contact management	Info management	E-mail	Internet features	Overall value
Ascent 97	★★★★★	★★★★ ½	★★★★ ½	N/A	N/A	★★★★ ½
Sidekick 97	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Info Select 4.0	★★★★	★★ ½	★★★★★	★★★★	★★★★	★★★★
Microsoft Outlook	★★★★	★★★★	★★	★★★★	★★★★	★★★ ½
Lotus Organizer 97	★★★★	★★★★	★★★	★★★	★★★	★★★

Easy to adapt



Lotus Organizer is great for novices because the interface resembles one they're familiar with: their paper organiser.

information, but it also includes a clever time management system. If you feel that you're not accomplishing as much as you could, Ascend's time management system may be the answer.

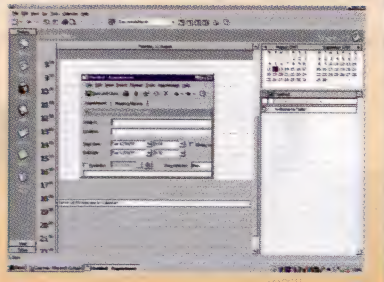
Ascend is constructed as a series of modules, which although separate, work together. A task you assign to a contact, for example, appears in your Prioritized Daily Task List on the appropriate day, as do follow-ups and appointments.

You access the time management system via the Values and Goals module. It looks quite daunting at first, so a Wizard is provided to walk you through constructing your 'Personal Productivity Pyramid'. You need to decide on your values, your long-range goals, and intermediate goals, which are carried right through into your daily tasks. You can then see at a glance how the work that you do each day is congruent with your values.

Lotus Organizer 97

System requirements: 486, 8Mb RAM, (12Mb recommended)
From: Lotus Development (02) 9350 7700
List price: $120 (when purchased separately; component of SmartSuite 97)

Classy interface



Microsoft Outlook has a sophisticated interface — you can reach any area on your computer (and any file) without leaving the program.

When you've worked through the Wizard, it's simple to add to your Productivity Pyramid yourself as further goals occur to you.

Although you can use Ascend primarily as a PIM and contact manager, without concerning yourself about the time management features as a PC version of the Franklin Day Planner paper system, the time management tools built into Ascend are the best of the program.

Task management in Ascend happens via the Prioritized Daily Task List, another of Ascend's modules. You can add notes or file attachments to any task — in fact, you can add notes and file attachments in any of Ascend's modules. It's an effective way to keep track of project files scattered over your disks.

Tasks you enter which you don't want to work on immediately can be moved to the Master Task List, or you can let the program move them for you after a nominated number of days.

The problem with Ascend for many people will be that the program doesn't provide connectivity. You can't share calendars with others in your workgroup, you can't send e-mail from the program, and you can't access the Web from the program. However, if connectivity isn't an issue for you, then Ascend could prove the perfect PIM.

Microsoft Outlook

System requirements: 486, Windows 95, 8Mb RAM
From: Microsoft Australia (02) 9870 2100
List price: Component of Microsoft Office 97

Lotus Organizer 97

Although Organizer has a reputation as a 'team' PIM, it's also great as a standalone application. Computer novices like it because it's so much like the paper organisers they already know.

It's worth investing in this update because there are many enhancements. For example, a click on a URL will now open the page in your Web browser; Notepad now uses multiple fonts, and bold and underlining; and you can link contacts information in your Address Book to other Organizer sections.

You never run out of room with

Your home office toolkit

To help you choose your home-office software, our cover CD-ROM includes trial versions of Lotus Organizer 97, WinFax Pro 8.0, ClarisWorks Office 4.0, a demo of Dragon NaturallySpeaking, plus templates for Corel WordPerfect Suite 8.0 and Sidekick 97, a comprehensive Microsoft Office 97 add-on pack, and all the shareware reviewed on page 83. See page 3 for more details.

The other half of your portable office, because it can be both

a printer and scanner.

IrDA cable-less communication for printing and scanning.

Read the features and you'll swear the BJC®-80 would use half your desktop, not half your briefcase.

Breakthrough colour technology. It's hard to believe that colour this good can come from a printer so small.

But, that's what you get with a patented new process called Drop Modulation Technology.™

Two ink drop sizes. It produces dual drop sizes in all four CMYK inks, in resolutions up to 720 dpi. The result is smoother colour gradations and less grain on all paper types.

High speed blacks. In seconds you can switch to a special, black only cartridge with 128 print nozzles. It offers laser-like speed and text smoothing for highly finished correspondence.

Send a fax, scan in colour. Next there's the optional colour scanner head. You can simply substitute it for the printer head. There is a high-speed mode for faxing* and a high definition mode. The latter is ideal for colour graphics and OCR, and reads up to 360 dpi, 128 monochrome levels for OCR, and 64 colour levels for RGB.

IrDA for wireless operation. The BJC-80 accepts an optional battery pack as well as standard power. And to make your life easier, it comes with a Windows 95 infrared IrDA compatible port for cable-less communication.

Better Internet images. The BJC-80 even includes an Image Optimisation feature that reduces the jagged images and faded colours common to Internet images, and works with a variety of graphic applications.

Canon Customer Care. The BJC-80 features a one-year warranty, upgradeable to three years for minimal cost, and is backed by Customer Care hot-line support. Drivers are available for both Windows 3.1x/95 and Windows NT.

To learn more about the other half of your portable office, call us on 1 800 021 167.

* Fax function requires appropriate software and Windows 95. Price as shown is the recommended retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon, the Canon logo and BJC are registered trademarks and Drop Modulation Technology is a trademark of Canon Inc. All other trademarks are the property of their respective owners. CS/4446

BJC-80 – $499 RRP

Canon

Organizer: if you want another calendar or three, it's easy to add them. Add as many Notepad sections as you need — one for each project. You can even create entire new Organizer files: if you don't want to clutter your personal file with a lot of reference material, just create another file.

When you create a file to store reference data, you can delete sections, such as the Planner, which you don't need.

OLE (Object Linking and Embedding) lets you track your work and is important in a PIM because it's easy to lose documents.

Organizer lets you create links to your work files, whether they're on your computer, on the network or on the Internet.

If you want a straightforward PIM, you'll like Organizer. The only problem you'll find is if you have a small monitor: the screen can get cluttered quickly.

Microsoft Outlook

If you own Office 97, your attitude to Outlook may be "hey, how bad can it be? It's free!" However, aside from the price, Outlook has a lot going for it.

For a start, it will do much more than manage your contacts and appointments. With Outlook, e-mail features and comms features are integrated throughout — you can even use Word to write your e-mail messages and you have one click access to any URL.

In addition, you can work with folders and files within Outlook — no need to load Explorer; there's complete network data-sharing support, via Exchange; and you can track all your activities, such as the documents you create and the faxes you send.

Outlook's sophisticated interface makes it a pleasure to work with. The program is divided into modules and these are simply a hierarchy of Explorer folders: the Inbox, the Calendar, Contacts, Tasks, the Journal (an activities tracker), and Notes. Because each module is a folder, it makes it easy to create new folders within Outlook for your various projects or for new e-mail folders, for example.

Another elegant feature in Outlook is the ability to create new user Profiles. This is handy if you share your computer with other people or if you use several information services.

However, if you use e-mail, the integrated Inbox will doubtless become your favourite feature; it makes it simple to communicate with others, and to share work with them.

Terrific as the program is, Outlook does have a couple of problems. The first is that it's a trial to configure the program initially, and the second is that it can be horribly slow unless you have a fast machine and lots of RAM.

Finance software

Reviews

Helen Bradley gets her figures into order with the new versions of Quicken and MS Money.

Quicken for Business

Intuit's Quicken has long been the leading name in personal financial managers. Version 6.0 is the latest release and sells on its own or as part of the Quicken for Business package, which also includes Quicken Home Inventory and QuickInvoice, making the product an all-round home office package.

Quicken installed from the CD-ROM under Windows 95 without fault and immediately recognised and converted data files from an earlier version.

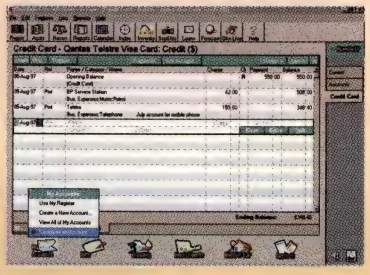
Setup is simple — the New User Setup window steps you through the process of setting up a single bank account. From there you'll use the main screen which has account QuickTabs down one side and an Activity Bar along the bottom. The colour scheme is customisable as are the buttons and other features of the main screen.

Improvements to Quicken include the ability to sort the detail in any account register in a number of different ways and longer detail entries. There are two new Easy Answer reports, including one to compare spending pattens and some reports can now be viewed as graphs.

Quicken's reports continue to impress. From almost any report, you can select an item and click on it to zoom in on the information that has contributed to that total. Access to information is quick and easy. In addition to the Easy Answer reports, there are a number of more detailed reports, which can be customised to your own requirements, however, the Report customisation interface is complex and far from being user-friendly.

Quicken will prompt you to backup if you haven't done it recently. The default is every third use of the program, although this can be altered.

Easy-to-see options



The Quicken main screen now has an Activity Bar along the bottom and QuickTabs down the side making it easy to see the available options.

Quicken for Business

System requirements: Windows 95 or 3.1, 2X CD-ROM, 16-bit soundcard, 486, 8Mb RAM, 20Mb free hard disk space, VGA, 256 colour monitor, mouse

Support: 30 days free on registration, 30 day money back guarantee. Ongoing support programs available.

From: Intuit (02) 9562 7922

URL: http://www.intuit.com

List price: $99.95 (Quicken 6.0 $79.95)

Canon's BJC-240 is the only printer to offer PhotoRealism. For just $349.

Although many printers claim "photo quality printing", there is a big difference between "photo quality", and PhotoRealism.

Exclusive to Canon. PhotoRealism is an exclusive Canon invention. And it comes as standard on the BJC®-240. But no other printer in its class offers the equivalent, even as an option.

The photo printing gold standard. PhotoRealism is not just a description. It is a special printing process that is rapidly becoming the gold standard because it is completely different from printers using conventional inks with only "two values" – either "on" or "off".

400% more colours. PhotoRealism uses low-density inks that let you vary the amount of saturation of cyan, for example, from 0% to 33% to 67% to 100%. These different densities can then be layered to produce a far wider dynamic colour range with four times as many colours as conventional inks.

Smoother colours. The process can improve all colour printing because colours can be richer, with better contrasts and smoother gradations. But the big difference is on photographs. Half-tones can be better defined, and visible grain almost completely eliminated, even in areas of low colour density.

Multiple colour choices. The BJC-240 comes with two different colour ink cartridges as standard – PhotoRealism inks and conventional ink for outstanding operating economy. It also comes with 60 sheets of high-resolution paper for photographic printing, and accepts optional cartridges for pure black and fluorescent ink for high impact. Drivers are available for DOS, Windows® 3.1x/95 and Windows NT.

PhotoRealism is not just a description, it is Canon's unique photo printing process.

Canon Customer Care. The BJC-240 features a one-year warranty, upgradeable to three years for minimal cost, and is backed by Customer Care hot-line support.

If you would like to learn more about the differences between true PhotoRealism and conventional photo quality, call us on 1 800 021 167.

Photo Realism™

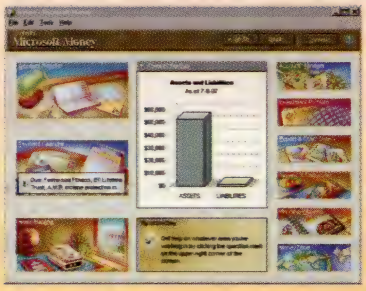
Price as shown is the recommended retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon, the Canon logo and BJC are registered trademarks and PhotoRealism is a trademark of Canon Inc. All other trademarks are the property of their respective owners.

CS/4444

BJC-240 – $349 RRP

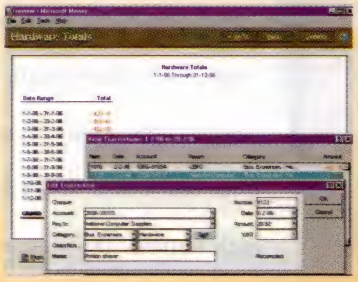
Canon

Home screen



Money's Home Base screen offers you a number of choices for managing your finances and a chart showing a snapshot of them.

View chart items



By clicking report totals and chart elements you can view the underlying transactions that make it up.

Quicken Invoicing is separate to Quicken and set up independently of it, although you do select accounts from Quicken for posting transactions, sales tax and payments for completed invoices.

QuickInvoice is the same version as appeared with Quicken Deluxe 5.0 and it is seriously in need of a make over to bring its interface to the standard of Quicken 6.0. (See May '97, page 18 for a full review.)

Home Inventory allows you to record all your personal possessions and to calculate what insurance cover you need. It will be a handy resource if you're unlucky enough to be making an insurance claim, but you'll need to have a backup off-site. Home Inventory is integrated into Quicken and can be accessed direct from the Activity bar.

Quicken's paper documentation is an improvement on the previous version and offers more substantial help and advice. However, there's no manual for either Home Inventory or QuickInvoice, although the help screen information is very good for all three 'programs'.

In all, Quicken 6.0 impresses in its speed, easy interface and general ease of use — it offers real value for money.

Microsoft Money 97

System requirements: Windows 95 or Win NT Workstation 3.51 or later, 386DX (486/50 recommended), 8Mb RAM (12Mb RAM for Win NT), 11Mb hard drive space, CD-ROM or 3.5in floppy drive, VGA monitor, Microsoft compatible mouse, 2400bps or higher modem (14,400bps recommended) for online services, Microsoft MoneyZone.

Support: Free technical support on installation difficulties and bugs. Other ongoing support programs available.

From: Microsoft (02) 9870 2200

URL: http://microsoft.com

List price: $49

Finance programs compared

	Quicken for Business	Microsoft Money 97
Setting up accounts	★★★★★	★★★★ ½
Entering transactions	★★★★ ½	★★★★ ½
Reporting	★★★★ ½	★★★★
Creating a budget	★★★★	★★★★★
Loan calculator	★★★★	★★★★ ½
Investment features	★★★★★	★★★★
Small business features	★★★★	★★★★ ½
Support	★★★★ ½	★★★★
Overall value	★★★★ ½	★★★★ ½

Microsoft Money 97

Microsoft Money 97 is Quicken's only real competition in the personal financial software market, and with the power of Microsoft behind it, the stage is set for a head to head battle between these two products over the next couple of years.

Money installed from the CD-ROM without any hitches. It recognised a Quicken data file on the system and offered to convert the file to its own format. The Quicken 6.0 file didn't convert properly and appeared with garbaged account names and no payee details, however, an older Quicken 5.0 file converted neatly and quickly.

Money operates from a home base screen giving you an overview of the options for managing your finances. Choices include entering details into an account register, managing your investment portfolio, viewing reports and charts, home banking and online services.

The home base screen also shows you a revolving snapshot of your finances by way of a graph that can be set to change daily. Unfortunately, this chart and those that appear on the Payees and Categories screens can't be altered, so they will always show details for the default period. You can, however, customise all the other charts and reports to get more or less information from one or more accounts.

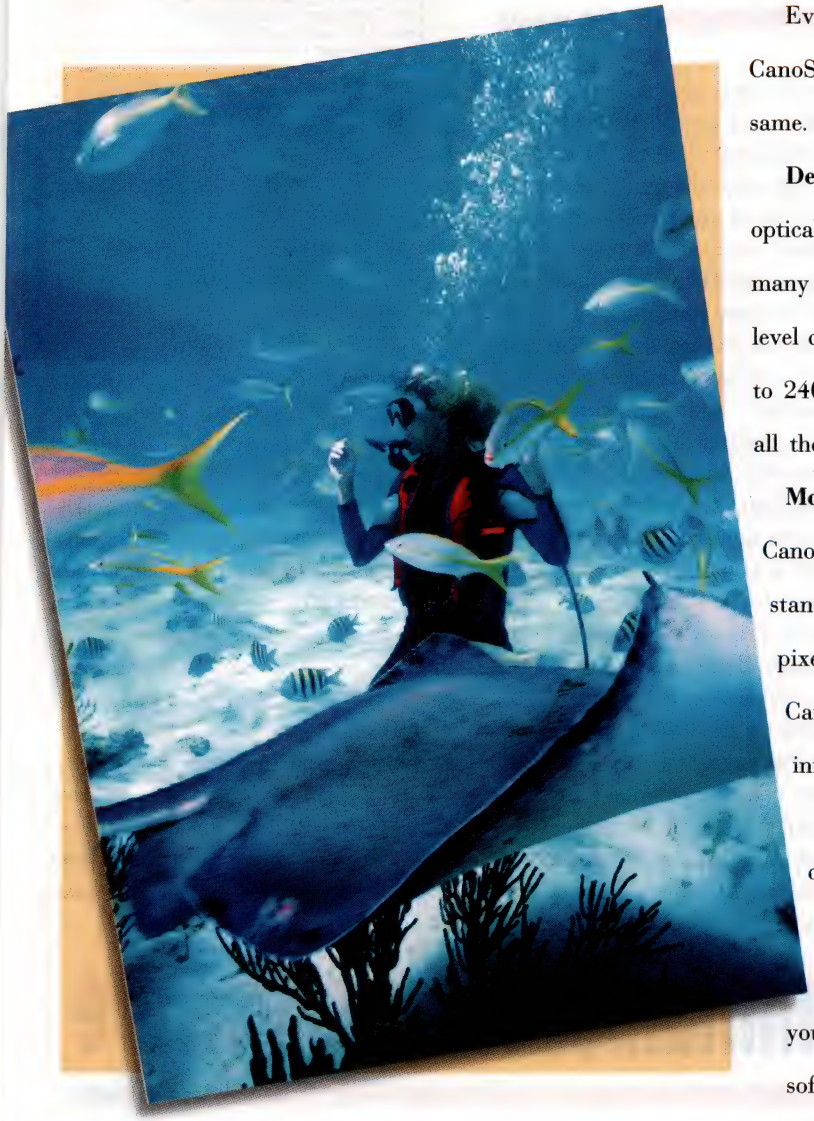
Simple reports are easy to get: the Reports and Chart screen offers you a series of options to choose from, such as What I have, What I Owe and Spending Habits, which make it simple to analyse your financial situation. Money, like Quicken, allows you to zoom in on most report totals and chart items to view the underlying transactions that contributed to these totals. This makes the program very functional and easy to use.

Money has some nice touches like Add To Favourites, which allows you to add favourite accounts and charts to the top of your list so they are quickly accessible. You can select from the last five payments to a payee to save keying new transaction information and you may enter transactions direct into the register or fill in a 'cheque'. The balance forecast will forecast your balance based on the deposits and payments you have scheduled and there are handy planning Wizards to help you plan for savings, mortgage and retirement.

Overall, there is little to fault with this package.

High optical definition and up to 30-bit colour scanning for

more colour depth.



Even a quick glance at the incredibly small foot-print CanoScan™ range suggests that not all scanners are quite the same. Look more closely and you'll find even bigger differences.

Definition up to 8000 dpi. Canon scanners start with true optical definition as high as 1200 dpi, up to double the level of many direct competitors. This high optical level can then be enhanced up to 2400 dpi, and interpolated all the way to 8000 dpi!

Extremely small foot-print.

More colour depth. Equally important, Canon has discarded the 24-bit colour input standard. Instead, our models scan up to 30 colour bits per pixel, to read as many as one billion colours! This allows Canon scanners to keep only the most useful bits of colour information in each pixel when it comes time for output.

Superior lighting. A unique Xenon lamp further aids our colour quality. It more closely resembles sunlight to provide even illumination and more natural light for better colours.

SCSI included. CanoScan packages come with everything you need to get started. This includes image editing and OCR software, a high-speed SCSI-II interface card & cable, and a TWAIN driver as standard.

Canon Customer Care. All CanoScan scanners feature a one-year warranty, upgradeable to three years for minimal cost, and are backed by Customer Care hot-line support.

If you would like to learn more call 1800 021 167.

Model	CanoScan 300	CanoScan 600
Interpolated Resolution	Maximum: 4800 dpi	Maximum: 8000 dpi
Enhanced Resolution	1200 x 1200 dpi	2400 x 2400 dpi
Optical Resolution	600 x 300 dpi	1200 x 600 dpi
Colour Input	27-bit (9-bits per colour)	30-bit(10-bits per colour)
RRP*	$499	$799

*Prices shown are the recommended retail price, including tax. Interpolation dependent on driver and software used. Canon Australia Pty Ltd ACN 005 002 951. Canon and the Canon logo are registered trademarks and CanoScan is a trademark of Canon Inc.

CS/4370

Photo Realism™

Canon

Dictation software

Reviews

Angela Booth's computer takes dictation with a new speech recognition system.

Dragon NaturallySpeaking

Dragon NaturallySpeaking is a speech recognition system for your computer — think of it as a dictation system where the computer takes your dictation.

The big news about this program is that, whereas earlier speech recognition programs required you to speak precisely and to hesitate between each word, this program lets you speak normally, in a natural, fluent style —much the way you usually speak.

Does it work? Yes, it does, and surprisingly well. However, you do need to put in a fair bit of effort before you have the program translating your speech into text with reasonable accuracy.

Firstly, you need to have reasonable hardware. As you can imagine, translating your words into text puts a strain on your PC. So you need at least a Pentium 133, with 32Mb of RAM if you're running Windows 95 and 48Mb of RAM if you're running NT. You'll also need a good soundcard — this is important, so you may want to check that your card is one of the preferred cards before you invest in the program. A high quality microphone is included with the program.

Next, you need to go through an intricate process after you install the program, so that your audio system is adjusted — the computer needs to be able to hear your voice clearly, and you need to be able to hear the computer. A Wizard takes you through the audio adjustment, and then a voice-training session, so that NaturallySpeaking can adapt to the way you speak.

These two processes can be quite lengthy. I had to do a lot of fiddling to get the audio system working, but this could be because of my setup. The voice-training session will take you around half an hour. This involves reading continuously into the microphone so that the computer can build up a database of how you say basic words in English. This isn't too onerous. You can choose between various texts to read, such as Arthur C. Clarke's science fiction or Dave Barry's humour.

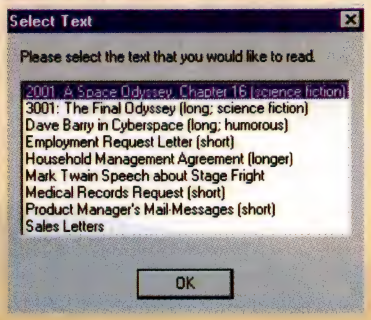
After the general training session, the computer needs another 20 minutes or so to build up the database of your voice.

Finally, you need to complete another session of training. This session requires you to read texts in the same style as those you'll be dictating. Contracts, for example, if that's how you'll be using the system, or a few e-mail messages, etc.

Dragon NaturallySpeaking requires a fair amount of commitment. You can't start dictating to your computer immediately and expect it to work. The more effort you put into the program, in the form of additional voice-training sessions, the more accurately it performs.

Although the program is enjoyable to work with, you shouldn't expect to get any serious work done with it in the first few weeks you own it. Build up the voice database first. However, once you do have the voice database set up, it will save you hours of time on an on-going basis.

Recognising speech



With Dragon NaturallySpeaking, you need to teach the program how you speak — the more of this 'training' that you do, the fewer errors.

Dragon NaturallySpeaking

Overall value: ★★★★

System requirements: 133 Pentium, Windows 95 or NT 4.0, 60Mb free hard disk space, 32Mb RAM (48Mb for Windows NT 4.0)

From: Auscript (02) 9238 6565

List price: $599

Communications software

Reviews

Need to boost both your productivity and your 'first impression' to customers? David Flynn reviews two programs that can make it happen.

We've all seen the advertisements showing how a competitive fast-moving small business, by looking like a slickly professional big one, wins a lucrative account.

Armed with a PC, modem and the right software you can take on the big players.

The PC will probably be a solid Windows 95 desktop machine — meaning a fast Pentium with 32Mb of RAM. The modem will be a 33.6Kbps fax-voice box, capable of handling fax transmissions and incoming voice messages in addition to the Internet.

But the right software? That's another issue. Several programs attempt to roll the main business communications tools into a single interface, and when combined with a fax-voice-data modem they

Digital cameras with high performance and absolutely

no negatives.

The easy to use PowerShot 350.

Whether it's a professional quality digital camera for business, or full automation for everyday use, Canon cameras start with a big advantage.

Critically acclaimed PowerShot 600.

The PowerShot™ 600 has drawn rave reviews, nominated as the digital camera of choice for business use, and for good reason.

True Canon technology. The lens system, focus mechanism, and imaging are all pure Canon. Resolution is almost 30% higher than any direct competitor, and the white balance system produces "true-to-life colour and minute details". (Australian PC World, April 1997.)

Superior storage. It features the widest range of storage and compression options – from economy mode to "uncompressed" for better pictures. Storage even includes a built-in voice annotation system.

For PC and Macintosh. CompactFlash memory, rechargeable batteries and re-charging docking station come as standard, as does photo editing software. The PowerShot 600 is compatible with PCs, or Macintosh (using the optional converter).

Only $1299 RRP. It's been described as the best camera on the market for the price. And that was before we lowered the RRP to just $1299.

The professional quality PowerShot 600.

"If you will be using a digital camera often in your work...the best choice is the PowerShot 600..." PC Magazine, Australia, March 1997.

"Of all the digital cameras we've tested, Canon's produces the best looking images..." Australian PC World, April 1997.

"The first digital camera we've seen (that) produces sufficiently high resolution and high quality images to survive digital manipulation..." Windows Sources, July 24, 1996.

"... (in its price class) the PowerShot 600 is overwhelmingly the best choice."PC Magazine, US, January 1997.

The PowerShot 350. Just $899.

Then there is the incredibly simple to use PowerShot 350. The LCD screen on the back is both a viewfinder, and picture editor.

It provides information on camera functions and allows you to monitor, review, delete and re-order shots, while providing more space for new shots.

Fully automatic. It features a vast range of shutter speeds, macro focus, and the ability to accept optional third party wide-angle and telephoto converters.

Exposure, focus, red-eye reduction and white balance are all automatic, while manual controls give you more creative options.

Nothing else to buy. Standard accessories include a 2 Mb PCMCIA CompactFlash memory card, connections for PCs and Apple Macintosh, NTSC "video out" for TV display, long-life re-chargeable NiCd batteries, re-charging kit, PhotoImpact 3.0 SE for PC users (Windows 95), and a PhotoShop plug-in for Macintosh users. For more information call 1800 021 167.

Photo Realism™

Prices shown are the recommended retail price, including tax. Canon Australia Pty Ltd ACN 005 002 951. Canon and the Canon logo are registered trademarks and PhotoRealism and PowerShot are trademarks of Canon Inc. All other trademarks are the property of their respective owners. CS/4368

PowerShot digital cameras – from $899 RRP

Canon

COMMUNICATE! vs WinFax PRO

Task	COMMUNICATE!	WinFax PRO 8.0
Setup	★★	★★★★★
Integration	★★	★★★★
Ease of use	★★ ½	★★★★
Faxing	★★★	★★★★ ½
Voicemail	★★★	★★★★ ½
Overall value	★★ ½	★★★★

can give any one-man show the feel and appeal of a thriving corporation.

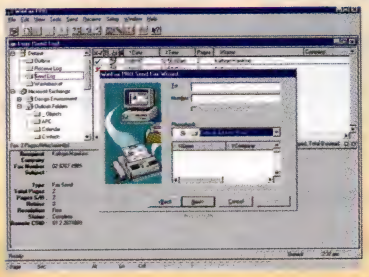
Far more important, however, is how they improve the way your small business runs. Why print a document, feed it into a fax machine, enter a number and hope it's not engaged, when you can fax the document directly from your PC?

You can also implement a voicemail system to accept messages when you're unavailable, or add pre-recorded prompts and individual voicemail boxes to create a streamlined customer information system that's available around the clock.

Add fax-on-demand — the ability for callers to automatically receive faxes on any specified topic, following another series of prompts — and these programs have the potential to deliver superior customer service while you get on with your work.

We conducted a hands-on evaluation of two all-in-one packages: Symantec's WinFax PRO 8.0, and 01 Communique's COMMUNICATE!.

Clean interface



WinFax PRO 8.0 offers a clean and functional interface with Wizards to walk you through the most common tasks.

COMMUNICATE!

System requirements: Windows 3.1 or higher, 8Mb RAM, minimum 10Mb hard disk space
From: Morse Corporation (02) 9796 2225
List price: $299

Setup and operation

The interface of COMMUNICATE! is modelled on a stylised phone-fax-answering machine, but delving beneath this reveals a rather less polished and clunkier set of screens and dialogue boxes.

While the box proclaims COMMUNICATE! to be a 32-bit version for Windows 95 and NT, it does not comply with the standards for true Windows 95 compatibility — the most serious of which is that COMMUNICATE! doesn't share the modem configuration and settings of any modem installed via the Control Panel. Instead, the software insists on setting up the modem itself, yet the 'auto detect' facility failed to recognise most of the locally available fax-voice-data modems we threw at it. The list of suitable modems is woefully short, so you'd best make sure your modem is one of the chosen few before you even consider buying COMMUNICATE!.

WinFax PRO, on the other hand, has been blessed with Microsoft's own 'Designed for Windows 95' stamp of approval. It is fully compliant with the TAPI (Telephony Application Interface) module that is the foundation of communications in Windows 95 and NT 4.0, so it recognises any modem that runs under these operating systems.

The WinFax PRO interface is clean and functional, with the menus and dialogue boxes carefully designed so that everything is where you'd expect it to be. Wizards abound, making most tasks a matter of following the instructions.

Faxing

Both programs include cover sheet templates and designers, with the usual options for delayed transmission and addressing a fax to an individual or a group. Recipient details are entered into an address book: COMMUNICATE! offers a rudimentary 'contact manager' while WinFax PRO can use its own fax-oriented address book or open files from ACT! or Exchange. They can also load a small applet to receive faxes without invoking the larger parent program.

WinFax PRO has macros to send faxes directly from major applications, including WordPerfect 7.0, AmiPro 3.1 and Microsoft Word and Excel (through to their Office 97 editions), whereas COMMUNICATE! is limited to Ami Pro 3.0 and Word 6.0 and 7.0.

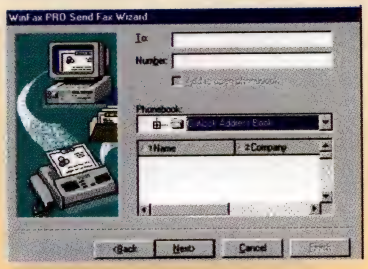
As a long-term faxing champ WinFax PRO was by far the most full-featured and the easiest to use. It also proved superior at setting up and managing the PC as a fax-on-demand server, which is carried out with the TalkWorks module supplied with (but not wholly integrated into) WinFax PRO 8.0.

Voicemail

COMMUNICATE! and WinFax PRO 8.0 come with a range of pre-recorded greetings and other suitable prompts, although we suggest you treat these as examples and then record their own.

WinFax PRO's TalkWorks scored again for ease of use and extra features, such as playing different messages according to the time.

Sensible design



WinFax PRO 8.0 beats COMMUNICATE! on ease of use thanks to sensible design and the use of Wizards to walk users through the most common tasks.

WinFax PRO 8.0

System requirements: Windows 95 or NT 3.51 or higher, 8Mb RAM (16Mb for NT), minimum 45Mb hard disk space
From: Symantec (02) 9850 1000
List price: $149

Shareware

Reviews

Angela Booth finds shareware for Windows 95, 3.1 and DOS to round off your home office toolkit.

Windows 95

Billing Manager Pro

URL: *www.hotfiles.com*
Registered price: *$90*
Rating: ★★★★★

This program is a complete accounting system. Whether you own and operate your own business, or work as an accountant for up to 32,000 businesses, this program gives you complete control over billings. The program includes a comprehensive Help system to get you up and running quickly. As well as all the usual accounting features, the program includes enhancements, such as a Form Letters Wizard, to help you save time and energy.

Business Plan Master

URL: *www.hotfiles.com*
Registered price: *$42*
Rating: ★★★★

Business Plan Master is a collection of templates you can use to create your own professional business plan to present to your bank, potential investors and other interested parties. The complete program contains Proforma, Historical and Breakeven spreadsheets. In this evaluation version, only the Proforma (main business plan) spreadsheet is included with some other documents. The Proforma spreadsheet gives you a good idea of how the program works, but you should consider obtaining the full version to get the most from the package.

TimeWizard95

URL: *http://ourworld.compuserve.com/homepages/EP_SOFT_FRANCE*
Registered price: *$50*
Rating: ★★★★★

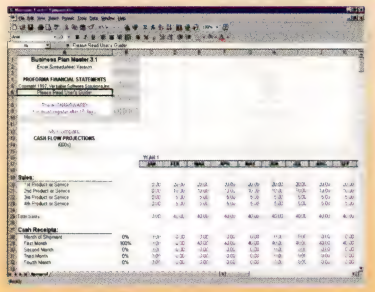
This program is useful for anyone who needs to track the time spent using their computer. However, it's especially useful if you charge for that time. The program generates Microsoft Access 7.0 files, so you can manipulate the files in any way you need to: link them to your client database, generate invoices, print them in various formats, etc. A clever feature is the 'Add Item' button, which allows you to track the time you spend out of the office, track sales tax (it's automatically added to invoices), archive completed projects, and more. The program is also available in a Team Edition for your workgroup and you can purchase the add-on Manager's Module.

Vault for Windows 95

URL: *http://users.aol.com/ericb98398/index.html*
Registered price: *$20*
Rating: ★★★★

Vault is a handy database program. It's easy to use because all your information is stored as an outline. Just create a basic heading, for example, 'Clients', and then store all your clients as a sub-category. You can find the information you want instantly using the fast search engine. Handy features include sending items to others via e-mail and an auto-dialler.

Master plan



Business Plan Master will help you put together a business plan for your business.

DirVault

URL: *www.windows95.com*
Registered price: *$12*
Rating: ★★★★★

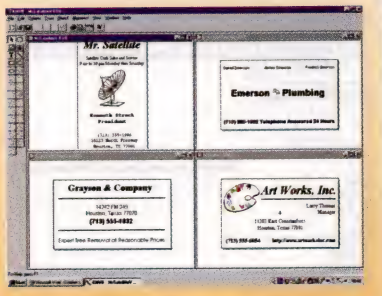
The larger your hard drives, the more time you spend in Explorer looking for programs and files. DirVault is a simple program that gives you fast access to the last few directories you accessed on your system. It lives in the system tray and you access it with a left mouse click to locate directories or a right mouse click to change the configuration.

EZ-Forms Lite Freeware

URL: *http://www.ez-forms.com*
Registered price: *Freeware*
Rating: ★★★★★

This brilliant small program allows you to create and manage any form on your computer — you can even fill out pre-printed forms. The focus in the program is on the forms themselves — the design, production and fill out. The program operates in WYSIWYG format, so it's easy and intuitive to use. To make it even simpler, it includes several templates, which you can customise to suit your own business. The program allows you to use all the capabilities of your computer: fonts, OLE, colour graphics, etc, so you can create professional forms to enhance your business image.

Business card maker



Klick-N-View Business Cards enables you to create your own colourful business cards.

Notes

URL: *www.hotfiles.com*
Registered price: *Freeware*
Rating: ★★★★★

Notes is a nifty free text editor and is an ideal jotter to keep running on your desktop. You can store reminders, reference material, URLs, etc. Each Note can be split into sections, using Tabs, and all your notes can use RTF (Rich Text Format). Features include indents and bullets, auto save, multiple file support, 'hot' URLs, a 'Run' tag, to start any program from within Notes, and more.

SuperMail 2.0

URL: *http://www.rks-software.com*
Registered price: *$50*
Rating: ★★★★

If you're looking for a mailing list manager, this program may suit you and your business requirements. It's well designed and simple to use. You can maintain an unlimited number of contacts in several separate lists. The program includes an auto-dialler, a duplicate-checker, and you can print form letters, envelopes, and labels, as well as a variety of reports. You can import and export records, as well as complete files. You'll find a comprehensive Help file, as well as sample databases to get you up and running quickly. Impressive features include the ability to tag records to group them, a report designer, filters, and more.

Klick-N-View Business Cards

URL: *www.hotfiles.com*
Registered price: *$25*
Rating: ★★★★★

Klick-N-View lets you create your own business cards in a few simple steps. Many card templates are provided or you can use the complete drawing features of the program to design your own. Colour printers are supported and you can import pictures directly or use OLE. When you register, you get even more templates, additional clip-art, as well as the ability to print multiples of cards on every page.

Labels, Cards and More

URL: *http://www.camdevelopment.com*
Registered price: *$32*
Rating: ★★★★★

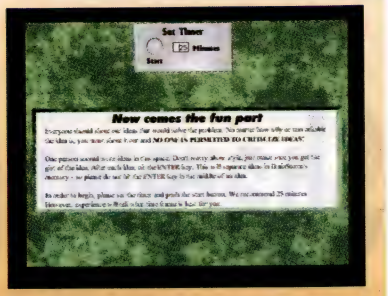
Labels, Cards and More is a complete tool for creating and printing your own business stationery. You can design business cards, envelopes, sales flyers, price tickets, mailing labels, index cards, etc. Most common graphic formats are supported, so you can use any of the fonts and graphics on your system. Additionally, if you have a scanner or digital camera you can acquire images directly.

SyTools32

URL: *www.one-o.com/~avrsoft*
Registered price: *$25*
Rating: ★★★★★

SyTools helps you to design professional maps, diagrams and flowcharts. The interface is WYSIWYG, so it's very easy to use. Included is a toolbar, which has hundreds of shapes, symbols, connectors, pieces of clip-art and so on, to help you to communicate by making your diagrams visually exciting. Although the program is intuitive, it includes a good Help file to make you aware of the program's many additional features, such as flipping, 3D effects, etc.

New ideas



Brainstormer95 is an interesting program to help you develop new ideas for your business.

Brainstormer95

URL: *www.jpb.com*
Registered price: *$50*
Rating: ★★★

Use this program when you need to develop new ideas for your business. You begin by defining your problem, then the program offers you a blank screen and a timer to give you time to come up with as many ideas as possible in the time allotted. The next step is to select your five best ideas and to rank them.

Vulcan FinanceCalc 97

URL: *http://www.vulcansoft.com*
Registered price: *$25*
Rating: ★★★★★

This program is a comprehensive financial calculator, handling 14 different kinds of calculations. For example, you can calculate the results for each sales period, as well as complete results. You can save your calculations as a text or bitmap file. If you choose to save it as a bitmap, you can use the file as Windows wallpaper.

Windows 3.1x

VistaCalc

URL: *http://ourworld.compuserve.com/homepages/bfridley*
Registered price: *$25*
Rating: ★★★★★

The problem with commercial spreadsheet programs is that you never use more than a small proportion of all their

Home office tips

If you work from home full time, part time or just evenings, then you'll need an area to work and a good computer system. And, unlike in a traditional office, you'll be in charge of your system, and you won't have a paid professional there to set it up and keep it running for you.

Some of the tasks that you'll need to manage are:

Backup

All the information stored on your computer will be lost if your computer is stolen or your hard disk crashes. If you can't afford to lose your data, it should be backed up onto disks or tape and the backups stored away from the computer.

To determine how often you should backup, ask yourself how much information you can afford to lose. If one day's information is too much to lose, then backup daily; if you can afford to lose a month's worth of data, then a monthly backup should be sufficient.

Keep out

If the information on your computer is vital to your business, then your children should not have free access to your computer. Sharing a computer with kids means that the risk of your files being accidentally deleted or corrupted or a virus infecting your system is increased enormously.

The concept may seem harsh, but business is business. Simply because your computer is located at home doesn't mean it should be treated any differently than it would be if it were in a more traditional workplace. So, consider buying the family their own computer. Since your business probably won't need as powerful a computer as the kids will want, use the family's hand me downs for your business and everyone will be happy.

Buy all in one

Ask around and you'll find it's all too common a story that adding extra hardware to a computer or changing operating systems is costly and time consuming when things don't go smoothly.

To avoid this happening, where possible, buy the best computer you can afford and make sure it comes with all the memory, hard disk space and extras you think you'll want. Ask the computer store to install all the software you'll need and any other items, like internal modems and scanners, before you leave the store. This way you'll be sure everything works properly and you may even find the store doesn't charge you for this service. Even if you do pay, it will be cheaper than paying for support at $60 an hour (or more) later on.

And if you are thinking of upgrading software or adding hardware, ask yourself if you really need it right now or if it can wait until your next PC purchase. You may save time and money by waiting a while and buying it already installed on your next computer.

Health and safety

Just because you're working at home doesn't mean you can afford to skimp on the safety of your work environment. You need a well lit and properly ventilated space with heating and cooling so you can work in comfort all year round.

Position your monitor at a height and an angle that allows you to hold your head in a comfortable position. Your hands should rest comfortably for typing and there should be adequate leg room under the desk. And consider investing in a quality adjustable chair with good lumbar support — your body will thank you.

Power issues

Ensure you have adequate power supply available for your computer and peripherals. For most home offices this will mean that you should have an electrician wire extra power points, so you don't have to daisy chain power boards and double adaptors. If you must double up on powerpoints, buy a power board with an overload switch so that you are protected against overloading your system.

You'll also find that a surge protector is an inexpensive way of protecting your equipment from damage by power spikes, particularly if your power supply is erratic or in lightening prone areas. And secure all your cables neatly so that you can't trip on them and damage yourself or your equipment.

Sensible precautions

For your safety and the protection of your computer, plan not to eat or drink at the keyboard. Getting up for food will give you a well needed break from your work and you won't risk damaging your keyboard with spilled coffee or food crumbs.

Always have a virus checker installed and make sure you keep it up-to-date. Check every disk that has been in any other computer and insist that everyone who uses your computer does the same. If you're downloading software from the Internet, use a virus checker that runs in the background and which continually monitors your system.

If the use of the Internet is jamming up your household telephone line, consider installing a second phone line. Most houses already contain the wiring for two lines, so the installation costs are minimal, and if the line is only used for the Internet, the bills can be kept small.

Frequent breaks

You'll find it's easy to lose track of the time you spend at the computer and what you think has taken a few minutes can chew up an hour or more. To rest your body, take frequent breaks and stand up, stretch and take a short walk. You'll give your circulation a boost and you'll find the muscles in your arms, wrists and neck will relax.

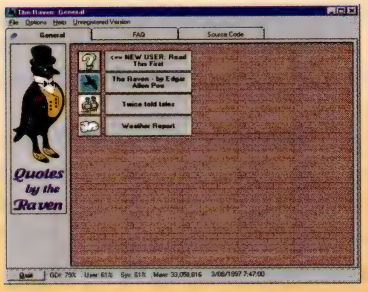
Have a life

One risk of working from home or taking work home is that the division between work and home life gets blurred. Because you have this 'extra time' you may find that tasks actually take longer to complete, as Parkinson's Law states "Work expands so as to fill the time available for its completion."

So, keep in mind that you have a life outside your work and set aside time for yourself, your friends and family.

Helen Bradley

Text manager



The Raven is a clever text management utility.

features. VistaCalc offers power and simplicity: you get all the features (including graphing) which are important to you, but you don't pay for what you don't need and will never use. You can't import and export with VistaCalc but you're provided with a complete array of maths and financial functions.

The Raven

URL: *www.hotfiles.com*
Registered price: *$40*
Rating: ★★★★★

The Raven is a clever text management utility. It allows you to store and retrieve blocks of text. This is useful for those in the real estate, legal or business management fields, because you can keep 'boilerplate' text for contracts and other documents, and paste the text blocks to quickly create new documents. Another use for the program is quick creation of e-mail, faxes and letters, which you write in reply to customer queries — you can keep price lists, specifications, etc in The Raven, and paste them into documents as needed.

Balance

URL: *http://www.gj.net/~keo/software/software.html*
Registered price: *$20*
Rating: ★★★★★

This program is a simple way of managing your cheque account(s) in the usual spreadsheet format. You can balance, analyse and graph your account(s), so that you can see exactly where your money is going. If you own a small business, you'll find this program lets you keep track of your business income without forcing you to invest time and energy in learning a large program, which may be more than you need.

Prompter

URL: *www.hotfiles.com*
Registered price: *$32*
Rating: ★★★★★

Scared witless when it's your turn to make a presentation? This program will make you more comfortable. You can use it to rehearse or use it during the presentation itself if it's loaded on your notebook computer. Basically the program scrolls your speech or presentation so that you can read it. You can adjust the timing of the scroll option until you're comfortable with the speed. You can import your speech in ASCII or use the word processor included in the program.

DecideRight

URL: *http://www.avantos.com*
Registered price: *$100*
Rating: ★★★★★

This program helps you to make decisions. Additionally, it provides a presentation-ready document for you to show how you arrived at each particular decision. A Wizard is provided for you to enter your decision topic, and the criteria you will use to make the decision, including weighting via slide controls. You can create alternative scenarios and print the results in various forms — as a bar chart, graph, etc. Files can be exported to Microsoft PowerPoint or Lotus Freelance.

Weights and Measures

URL: *www.shareware.com*
Registered price: *$12*
Rating: ★★★★★

Weights and Measures allows you to convert weights and measurements in the following categories: weights, linear measurements, liquid volume, area measurements, dry volume and cubic measurements. The program is simple to use. You just enter the value you want to convert, then select the value you want it converted to and press the button. There's no way of saving or printing the results, so you'll have to copy them by hand.

DOS

Square Notes

URL: *http://sqn.com*
Registered price: *Lite version freeware; enhanced version $65*
Rating: ★★★★★

Square Notes is an index card program ideal for storing almost any kind of information and retrieving it in a blink. You can use it to store information on clients, products, meetings, reference data, or use it as a journal or bibliography. When you create a card, you tag it with one or multiple keywords. The index then retrieves all the cards with the keyword you select instantly. You can have as many files as you wish, but the freeware 'lite' version restricts you to 50 cards per file. ❑

Home office information on the Net

Check out these sites for information on creating your home office:

- **Bank of America:** http://www.bankamerica.com/p-finance/athome/ho_settingup.html
- **Canon's Creative Corner:** http://www.ccsi.canon.com/creative/homeoffice/index.html
- **Deloitte & Touche OnLine:** http://www.dtonline.com/ba/homeoffice.htm
- **Steelcase — 10 Tips for creating a Home Office:** http://www.steelcase.com/viewnew/nftphome.html

Interested in banking on the Net? Try:

- **Advance Bank:** http://www.advance.com.au
- **Commonwealth Bank:** http://www.commbank.com.au

by Helen Bradley

D-I-Y home office tools

Weekly planner

Word processing

What you need	User Level
Word 97, Word Pro 97, WordPerfect 7	Easy — Expert

Never forget a meeting or lunch date with Helen Bradley's neat weekly planner.

This month's project is shown in Figure 1a. The planner is printed on A4 paper although you can size it down to half-size and print it on A5 paper. Start with a new document in your word processor and follow these steps:

Step 1: Set up your page size to A4 paper. In WinWord use File, Page Setup, Paper Size, in the Paper Size list box select A4 paper and select OK.

In WordPerfect, use Format, Page, Paper Size and in the Name list box select A4 and press OK.

In Word Pro, select File, Document Properties, Page and the Size and Margin tab. From the Page Size list box select A4 and close the dialogue box.

Step 2: Set up your margins so you can type closer to the edge of the page than you would usually do. In Word use File, Page Setup, Margins and set the Top, Bottom, Left and Right margins to 2cm and select OK.

In WordPerfect, use Format, Margins and set the Top, Bottom, Left and Right margins to 2cm and select OK.

In Word Pro, select File, Document Properties, Page and the Size and Margin tab. From the Page Size list box change the Top margin to 1.5cm and the remaining margins to 2cm and close the dialogue box.

Step 3: Type the word 'planner' in a plain sans serif font in capitals (we used AvantGarde Medium BT, 72 point size). If you're using Word Pro add a couple of blank lines at the top of the page before you start typing.

To space the letters further apart, in WinWord select the word and use Format, Font, Character Spacing and in the Spacing list box select Expanded and in the By text box experiment with various point sizes until the text stretches the full width of the page (we used 37pt of spacing here).

In WordPerfect, select Format, Justification, All (see Figure 2a).

In Word Pro select the text and select Text, Text Properties, select the Misc tab and increase the Kerning percentage until the letters fill the width of the page (we used 98% Kerning).

Step 4: In WinWord display the Drawing toolbar and create a Text Box.

Stretch to fit

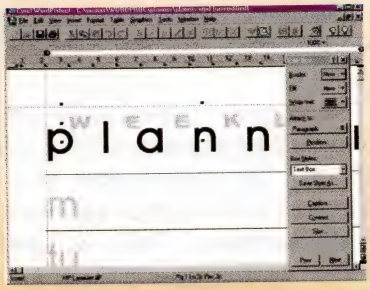


Figure 2a: WordPerfect's 'All' Alignment option makes stretching the text to fit extremely easy.

Plan weeks ahead

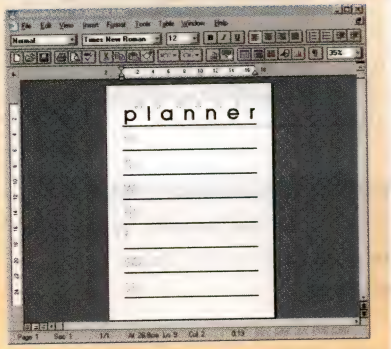


Figure 1a: This month's project is a weekly planner that is striking but quite easy to create.

Type 'weekly' in capitals into the Text Box and format it in a contrasting font (we used Swiss 721 Black Extended BT, 28pt) and colour it Gray, 25%. Using the same character spacing options as you did in Step 3, increase the inter-letter spacing until the letters of the word 'weekly' fit in between the letters of the word 'planner' when you move the text box into position (we used 50pt of spacing). With the text box selected, right-click and select Format Text Box, select the Wrapping tab, select None and OK. Remove the text box borders by right-clicking on it, select Format Text Box, Colors and Lines tab, and from the Color drop-down list select No Line and OK.

In WordPerfect create a text box using Graphics, Text Box, type 'weekly' into it, and set the colour using Format, Font, Shading 25%, and set the Alignment to All. Right-click on the Text Box and set Borders to None and Wrap Text to No Wrap Through. Move the Text Box into position and size it so the

Creating lines in Word Pro

Figure 3a: Create the lines in Word Pro using the Lines tab in the Text Properties box.

letters of the word 'weekly' fall between the letters of the word 'planner'.

In Word Pro use Create, Frame and select Size & Place Frame Manually and click and drag a frame onto the page. Type the word 'weekly' into the frame, including a space between each letter. Set the font, size and colour using Text, Font & Color and select the Misc tab and adjust the kerning until the letters of the word 'weekly' sit between the letters of the word 'planner'. Select the frame, right-click on it, select Frame Properties and the Placement tab and select the Wrap Through option, select the Lines tab and select Pattern: None and close the dialogue. Move the frame into position.

Step 5: To create the days of the week select the same font as you used for the word 'planner', and size it to 60pt and colour it Gray, 25%. Type the names of the days of the week pressing Enter between each day.

In WinWord, select all the days of the week and select Format, Borders and Shading and create a top, middle and bottom 4.5pt thick line for your paragraphs and select Options to set the From Text settings to Top 5pt and Bottom 5pt and click OK twice.

In WordPerfect, position the cursor at the beginning of each line in turn and select Format, Border/Fill, Paragraph, and select a thick bottom border for the paragraph, select the Advanced tab and set the Inside border to 0.2cm and click OK twice. For the first day you will need a thick top and bottom border.

In Word Pro, select the first day of the week, right-click and select Text Properties. Select the Lines tab and select a top and bottom paragraph border, set the line width to 4pt, the Distance From Text to 0.2cm and the Line Length to To Margins. Leave the dialogue box open and select the next day of the week and repeat this step, except this time select only a bottom line. Repeat for the remaining days (see Figure 3a).

Step 6: Save and print your planner.

Sample planner

On this month's CD-ROM is the planner from Figure 1a in WinWord, WordPerfect and Word Pro formats. See page 3 for details.

Debt tracker

Spreadsheets

What you need	User Level
Excel 5.0, 7.0 or 97 or Lotus 1-2-3 97	Easy — Expert

Keep track of your debtors with this spreadsheet project by Helen Bradley.

The basic worksheet is shown in Figure 1b. Its layout is simple but underneath you'll find two powerful functions — a horizontal lookup table and the SUMIF function — which does the calculations for you.

Debt analyser

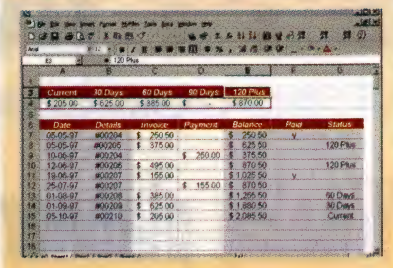


Figure 1b: This month's worksheet allows you to record details of outstanding invoices and analyse the age of these debts.

Does it look like this?

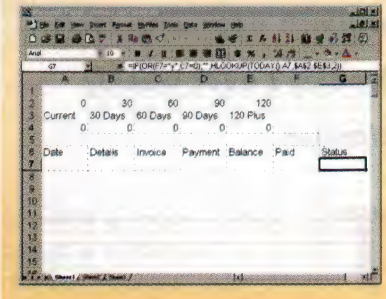


Figure 2b: Your worksheet should resemble this one when you have completed Step 2 of our instructions.

Although some of the formulae are specific to Excel, you can create the worksheet in Lotus, too, and the box 'Lotus 97' explains the differences in the Lotus version.

Step 1: On a blank worksheet, add the data to the listed cells in the box 'Cell data'.

Step 2: Copy the formula from cell E8 to cells E9:E200 and from G7 to cells G8:G200. This gives you room for 193 detail lines which should be sufficient for most businesses. Your worksheet should look like the one in Figure 2b.

Step 3: Enter the data in the box 'Test data' into the named cells to test the worksheet.

With this data entered your worksheet should look something like the one

in Figure 3b. Note, though, that the actual length of time an account has been outstanding will depend on the date you're looking at the worksheet because this information is updated daily.

Step 4: You can add a warning to cell F4 which will check to see if you have entered an incorrect letter into any cell in column F or, worse still, a space. Key this formula into cell F4: =IF(COUNTIF(F7:F200,"<y")<>0, "Warning!Check Paid column",""). Format this cell in bold red type using Format, Cells and the Font tab. If everything is okay, you won't see anything in cell F4, however, if you enter a letter other than 'y' or a space in one of the cells in column F, you'll see the warning appear.

Step 5: Hide the numbers in row 2 by selecting the row number and then Format, Row, Hide. The numbers in this row are used only for reference by the HLOOKUP function and don't need to be visible.

Step 6: Format your worksheet attractively, making the data cells in columns C, D and E and in row 4 display numbers to two decimal places. Format all the way down to row 200 as there are formulae in all these cells. Remove your sample data and save the worksheet.

Cell data

Cell	Contents
A2	0
B2	30
C2	60
D2	90
E2	120
A3	Current
B3	30 Days
C3	60 Days
D3	90 Days
E3	120 Plus
A4	=SUMIF($G$7:$G$200, "=Current",$C$7:$C$200)
B4	=SUMIF($G$7:$G$200, "=30 Days",$C$7:$C$200)
C4	=SUMIF($G$7:$G$200, "=60 Days",$C$7:$C$200)
D4	=SUMIF($G$7:$G$200, "=90 Days",$C$7:$C$200)
E4	=SUMIF($G$7:$G$200, "=120 Plus",$C$7:$C$200)
A6	Date
B6	Details
C6	Invoice
D6	Payment
E6	Balance
F6	Paid
G6	Status
E7	+C7-D7
E8	=IF(OR(C8>0,D8>0) ,+E7+C8-D8,"")
G7	=IF(OR(F7="y",C7=0)," ", HLOOKUP(TODAY()-A7,$A$2:$E$3,2))

Test data

Cell	Contents		
A7	3/6/97	D9	200
B7	#00105	A10	3/8/97
C7	200	B10	#00107
F7	y	C10	45
A8	3/7/97	A11	3/9/97
B8	#00106	B11	#00108
C8	375.50	C11	275
A9	7/7/97	A12	3/10/97
B9	#00105	B12	#00109
		C12	310

Using the worksheet

You can use this worksheet in one of two ways. You may choose to have one worksheet for each debtor, in which case you will need to prepare this worksheet and then copy it using Edit, Move or Copy sheet to create one worksheet for each of your debtors. In this case, renaming each worksheet to the name of the debtor is a good idea; do this by double-clicking on each worksheet tab and typing the debtor's name.

Alternately, you may choose to have one worksheet and enter details of all your clients' invoices and payments into it. This way the sheet will give you a summary of all the money you are owed and a breakdown of the aging of these debts.

For each invoice include the date of

Lotus 97

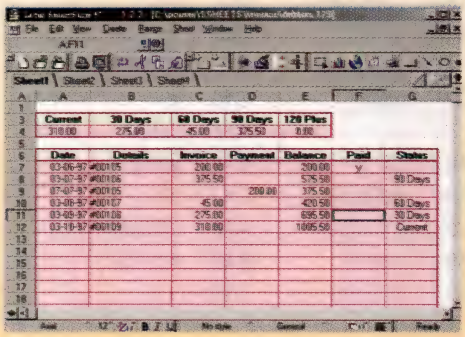
This worksheet can be easily created in Lotus 1-2-3. There are some differences in formulae, but the steps for creating it and the logic of how the worksheet functions are similar.

Lotus, however, doesn't have a SUMIF or COUNTIF function, so the DSUM and DCOUNT functions have been used instead. These functions require you to have a named area on your worksheet, so select the range A6:G200 and use Range, Name and name this area INVOICEDATA.

The other significant alteration is a rewrite of the formula in cell G7 to overcome Lotus' somewhat twisted logic that says that A=blank, B=blank but A<>B. Using the @ISSTRING function overcomes these difficulties.

Cell	Contents
A4	@DSUM($INVOICEDATA,"Invoice",Status="Current")
B4	@DSUM($INVOICEDATA,"Invoice",Status="30 Days")
C4	@DSUM($INVOICEDATA,"Invoice",Status="60 Days")
D4	@DSUM($INVOICEDATA,"Invoice",Status="90 Days")
E4	@DSUM($INVOICEDATA,"Invoice",Status="120 Plus")
F4	@IF(@DCOUNT(INVOICEDATA,"Paid",Paid<>"y")>0,"Warning! Check Paid column","")
G7	@IF((C7=0)#OR#(@ISSTRING(F7)#AND#F7="y"),"", @HLOOKUP(@TODAY-A7,$A$2..$E$3,1))
E8	@IF(((C8>0)#OR#(D8>0)),+E7+C8-D8,"")

Sample Lotus invoice



Current	30 Days	60 Days	90 Days	120 Plus
310.00	275.00	45.00	375.50	0.00

Date	Details	Invoice	Payment	Balance	Paid	Status
03-06-97	#001 05	200.00		200.00	y	
03-07-97	#001 06	375.50		575.50		90 Days
07-07-97	#001 05		200.00	375.50		
03-08-97	#001 07	45.00		420.50		60 Days
03-09-97	#001 08	275.00		695.50		30 Days
03-10-97	#001 09	310.00		1005.50		Current

Figure 3b: This is the Invoice worksheet with the sample data in Lotus. The actual ages of each debt will depend on the current system date on your computer.

the invoice, some identifying details and the Invoice amount. As each invoice is paid, record the payment details (date, details and payment) on a separate line and add a 'y' to the 'Paid' column opposite the invoice that the payment relates to.

When you have entered your invoice details, the last figure in the balance column will show you the current status of the debtor, or the total of your outstanding debtors, depending on how you are using the worksheet. The information at the top of the worksheet shows the relative ages of the debts.

How it works

The formulae in column E calculate the running balance by taking the total from the previous line and adding any Invoices and deducting any payments. The IF function merely tidies up the display by hiding the result if there's no value in the Invoice or Payment column.

The formulae in column G are more complex; they calculate the age of the debt by deducting the date of the invoice from your computer's system date. The number of days is passed to the HLOOKUP function which uses the table in the range A2:E3 and compares the number of days with the figures in row 2 to find the largest value that is less than that number of days. It then returns the corresponding value in row 3. So, if the debt is 0-29 days old, the value 'Current' is returned, if the debt is 30-59 days old the value '30 Days' is returned and so on. The IF part of this formula is there to neaten the display, it stops the calculations being made if the Invoice is paid or if there's no value in the Amount column.

The formulae in row 4 use a SUMIF function to add the values in the Invoice column only for certain criteria. The formula in cell A4 adds only those Invoice amounts for invoices that have 'Current' as the entry in column G, the formula in cell B4 adds only those Invoice amounts for invoices that have '30 Days' as the entry in column G, etc. The syntax of the SUMIF function is =SUMIF(range to analyse,criteria,range to sum), so the formula in cell A4: A4 =SUMIF($G$7:$G$200,"=Current",$C$7:$C$200) translates as, sum the values in the range C7:C200 for those rows where the corresponding entry in column G is equal to 'Current'.

Finally, the formula in cell F4 uses the COUNTIF function, which is similar to SUMIF. This counts the values in column F to see how many are less than 'y'. So if you've entered any alphabetical character (other than y and z) in column F or you've pressed the space bar, then the warning will display. This formula is very 'quick and dirty'; it won't trap everything but it will catch the worst of your errors.

Spreadsheet files

On this month's CD-ROM are the files debtors.xls and debtors.123 in Excel 5.0, 7.0 and 97 and Lotus 1-2-3 97 format. See page 3 for details.

Cool cover pages

Design

What you need	User Level
Word processor	Easy — Expert

Make a good first impression with Helen Bradley and Annette Castles' cover page idea.

You don't get a second chance to make a first impression. Whether you're putting together some homework for your new English teacher or a report to get your boss's attention you need an understanding of accessorising. What works with what? What's voguish? What's frumpy and old-fashioned? The cover page can be nearly as important as the information contained inside. If it's stylish and up-to-date it says the information inside will be the same.

The idea for this cover page (see Figure 1c) was borrowed from a poster in the foyer of a radio station. Annette liked the way the text was shaped in blocks running vertically as well as horizontally. So she hung the concept in her 'ideas' wardrobe until she found the perfect place to wear it.

Why it works

The original design was black and white but Annette applied colour because it complimented the fun and diversity of the subject — fashion. She chose the three primary colours in similar depths of shade and highlighted them with black.

The shape of the text at the foot of the page is reflected in the diagonal corner by matching coloured boxes. This gives the page balance and strength and ties the corners together.

The text

The text running vertically down the right-hand side has several functions besides enticing the reader to explore the report. Because it is text there is a

Colour me happy

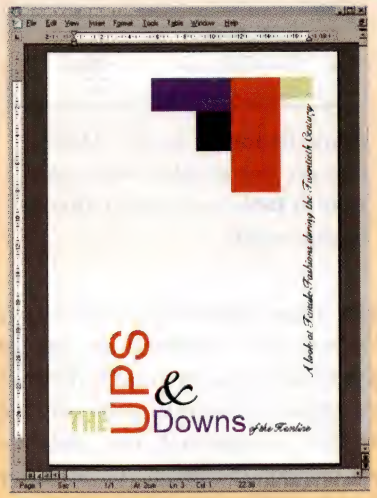


Figure 1c: The strength in this cover page is created by rotated and coloured text balanced by matching coloured boxes.

No rotate option?

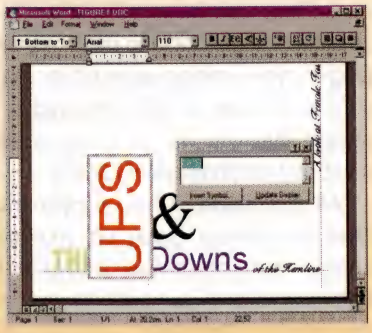


Figure 2c: If your word processor doesn't allow you to rotate text, use its WordArt option to add the text to your cover sheet.

connection with the other text on the page and yet it is positioned with the coloured boxes so it ties the two groups together.

Annette strengthened the connection by making the words 'of the hemline' finish in line with the baseline of the text along the right-hand side of the page.

And notice how the base line of the right-hand text is sitting on an invisible line running down the side of the yellow box (see Figure 2c). This adds strength to the line and therefore the corner.

The fonts

The choice of fonts is very important and there's no single answer in any situation. So be brave and experiment.

Annette chose fonts to highlight the diversity of her subject. The frilly, feminine qualities of Signet Roundhand for the black text were pitted against the chic, clean lines of Arial for 'Ups' and 'Downs'. The formal, austere qualities of Impact in yellow introduces everybody.

À la mode

Annette let her design highlight her subject. The vertical and horizontal text perfectly mirrors the subject — up and down. The boxes hanging from the top represent the different lengths of skirts during the century. And the range of font types suggests the diversity and whims of fashions.

The design is inspired by the subject matter. Let your subject inspire you.

How to do it

To create the cover sheet, open a new document and set the paper size to A4 and set the Top, Bottom, Left and Right margins to 2cm each.

Start with the words because the size of each word dictates the size of your coloured boxes. To create these you need to be able to rotate text. Some word processors allow you to do this but others like older versions of WinWord don't and so you'll need to use WordArt instead. We used Text Boxes in Word 6.0 for the regular text and WordArt for the rotated text. If you're using WinWord 97, use all text boxes and rotate the text where you need to.

Each portion of text should be a separate object; create an object for it (WordArt, Text Box etc), type the text, alter its font, colour and size,

Temporary guidelines

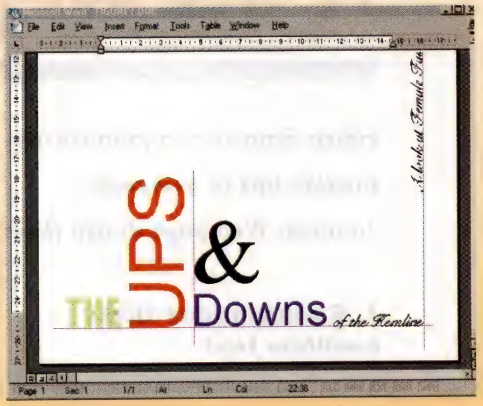


Figure 3c: Adding a temporary horizontal and vertical guideline to your page will help you line up all the elements.

rotate it if necessary and finally move it into position (see Figure 2c). Create a horizontal and vertical line using Line Draw to use as a guide and make sure each piece of text lines up across the bottom of the page to that line and up the side, too (see Figure 3c). Leave the lines in place for now. Use text boxes or frames for your regular text.

Create your rectangles of colour using the drawing tools in your word processor. If you get the layering right you won't have to be quite so accurate with your placement. Create the rectangles in this order: black, blue, yellow and red, and you'll only have to line them up along their tops to get the right effect. Size each coloured rectangle so it is the same size as the text in the same colour at the foot of the page and remove any border around the rectangle or set it to the same colour as the rectangle's fill colour.

If your word processor allows you to group align or snap to grid, use this to get your rectangles lined up correctly. When they are right, select each in turn and group them using the drawing toolbar's 'group' option. This way if you move one rectangle they will all move.

When it's all in position, remove the guidelines and save your document.

10 Web design bloopers

Web Workshop

Helen Bradley and John Hilvert provide tips to overcome common Web page design flaws.

What you need	User Level
Word processor Internet Web publishing access	Easy — Expert

1. Backgrounds that swallow text

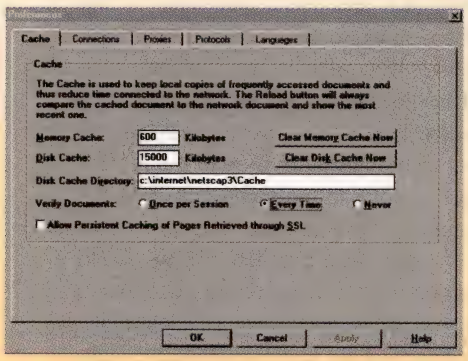
Many sites have the text of the page or the links set so that they are difficult to see against the page's background. Another particularly annoying habit is for a designer to actually 'hide' followed links by making them the colour of the page background. While this makes it easy for the user to see what links they haven't yet followed, it does mean that if you find an interesting link, it disappears the minute you return from viewing it.

You can avoid this by setting the colour of the default text using the TEXT attribute of the BODY tag, for example <BODY TEXT="#rrggbb">...</BODY>. The values for rr, gg and bb are two-digit hexadecimal numbers representing the value of red (rr), green (gg) and blue (bb) in the colour you are using. The values are from 00 to FF hexadecimal (0-255 decimal). There is a handy colour chart at Lynda's Homepage (http://www.lynda.com/hex.html) showing the decimal and hexadecimal numbers of the 216 browser-safe colours (the colours in the palettes used by the popular browsers).

The attributes that control the colour of links are LINK, VLINK and ALINK. LINK is the colour of a link, VLINK is a visited link and ALINK is an activated link. These are attributes of the <BODY>...</BODY> tag. The defaults for these links are blue, purple and red and you can alter them using the same colours you use for background text. This example gives you blue background text, red links, black followed links and green active links:

```
<BODY TEXT="#0000FF"
LINK="#FF0000" VLINK="#000000"
ALINK="#00FF00"></BODY>
```

View links as they are now



Setting your browser to verify documents will ensure you see your links as they are now, not what they used to be.

2. Just because you can

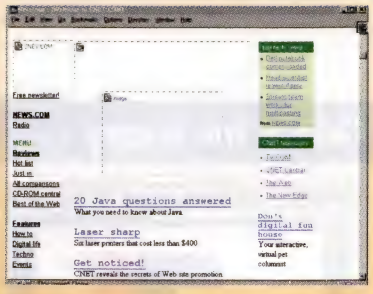
Just because you've found a wonderful animated graphic of a spinning globe, or because you can write neat JavaScripts to alter background colours or because you can turn your Web page into one large image map, doesn't mean that you should do any of these things.

Seasoned Web users are a pretty jaded bunch and are sceptical of sites with large graphics that take minutes to download and don't add anything to the purpose or functionality of the site. So, while we're not saying you shouldn't have cool graphics and hot scripts on your page, you should ask yourself why they are there. If you're putting them there only to show that you can do it, then it may be time to revisit the goals for your site. Everything on your site should be focussed towards achieving the goals you have for your site. They should complement the statement you're trying to make and must always be relevant to your target audience.

And always be wary of the trade-offs involved in implementing some nifty multimedia add-on or plug-in, such as Shockwave. While the effects you create may complement the purpose of your site, you stand to lose a portion of your viewers who don't have the time or inclination to download the plug-in simply so they can view your design in all its glory. For people who don't have the plug-in, your choice is to either make sure your site is still intelligible or accept that you will be losing a segment of your potential audience.

All this aside, if you simply must have a spinning globe on your site, check out http://www.webgrafx-fx.com/pages/archive.html. There are thousands of animated GIFs and over 130 globes available to download!

Not all graphic headings



Some headings on the CNET site are not graphics but are text in table cells with coloured backgrounds.

3. Links that aren't

There is nothing more annoying than reading the blurb for a link to a great site that you 'simply must visit' and clicking on the link only to find it doesn't work. While the fact that the linked page has gone AWOL is no fault of yours as the page designer, its absence when linked from your page does subtly change the way your viewer looks at your site. Whatever positive thoughts your viewer had about your site and your product, some subtle negative messages are now creeping in.

The best way to avoid disappointing your viewers is to check your links regularly and make sure they're current. And when you do, make sure you empty your cache before you do it (or set your browser to Verify: Every time) or you might just get your browser's recollection of what the link used to look like — before it ceased to exist!

If the task of checking links is a big one, there are programs which will do the work for you. Try the shareware program CyberSpyder which you can download from http://www.cyberspyder.com

4. No time to wait

Large sites that take too long to download risk being over-looked by viewers. If your site is graphics-intensive and slow because of this then viewers will simply give up and go elsewhere. Here are three things to check which might speed up the graphics on your site:

- **Can you achieve the same goal another way?** For example, better support for fonts means that you can replace graphical headings with text formatted with the <FONT>...</FONT> tag instead.
- **Can you reduce the file size of your graphics?** On the Web you can use either GIF or JPG files as graphics and background images. If you aren't sure whether to use GIF or JPG, save your graphic in both formats and compare each for size and quality. Remember, saving a graphic as a JPG file allows you to increase compression at the expense of image quality, so experiment with these settings.
- **Can you make the page look like it's loading more quickly?** If you specify the size of your graphics in your IMG tag, your browser displays the text in your document leaving gaps where the graphics will appear to fill in later on. For example, <IMG SRC = "logo.gif" WIDTH=200 HEIGHT=152>. Your page won't load any faster but your viewer will have text to read while the graphics are loading.

5. Too big for my screen

Viewers dislike having to scroll extensively to view your Web page. As a designer you won't be able to avoid some vertical scrolling simply because it's too difficult to get all the information you need on one screen. Scrolling more than half-a-dozen screens, however, is not recommended, so if your page is longer than this, try splitting the information into more than one page to reduce the scrolling needed to view it.

And be aware of screen resolution, too; many Web designers make the mistake of imagining that all their viewers own the same 17in or 24in monitor that they do. Unfortunately, many Web surfers are still viewing your site on a 15in 640 by 480 screen, although most will now be using a 800 by 600 screen. So, when you're designing for the Web, take different screen sizes into account in your design and, whatever the cost, avoid making your viewer scroll horizontally.

And, always keep in mind that HTML is a mark-up language, not a page layout language. So, you should never expect that everybody will see your Web site exactly the way you've planned it. Every browser will render your page differently so the best that you can do is to preview how your page looks under a variety of possible browsers and ensure that, whatever else happens, they degrade gracefully.

6. No feedback or contact details

Strangely, many Web sites lack basic contact details so that if you need more information about the company, you have to look elsewhere to find it. This is an inexcusable omission — every Web site should contain an easy to locate page with details of how the company can be contacted.

And remember, the Internet is an international medium so include the country name in your address and include two versions of your phone number — one for local callers, including the country code.

Also include your e-mail address so your viewers have the ability to e-mail you for more information or feedback about your site. The tag <A HREF = mailto: yourname@your.mail.address>email me</A> will allow the viewer to click on the link and e-mail you direct from your site. Many sites include this at the foot of every page but wherever you put it, it should be easy for your viewer to locate.

What content to expect

The Campbell Soup site is less than five screens deep and shows clearly what you can expect to view on the site.

7. Why am I here?

While fancy splash screens look creative and may capture a viewer's interest, the interest will not last if, upon entering your site, it isn't fairly quickly obvious what your viewer stands to gain by being there. Very soon after they enter your site your viewer should have a clear impression about who you are and what they can expect to gain from visiting it.

Ask yourself why a user will visit your site; for example, they may be visiting to find more information about your product or service, to send a virtual gift to a friend or to locate information in your database. When you know why your viewer is visiting, you'll know what information to give them to reinforce the impression that they've come to the right place.

If they aren't reassured pretty quickly that your site can give them what they want, they'll either go elsewhere or, if they have no alternative, they'll develop a negative impression of your company and the services it offers.

8. Where am I?

Too often when you're navigating a Web site you get lost or confused about where you are, where you've been and

Easy viewing

The Australian Canned Food Information Service homepage is easy to navigate, is only two screens deep and displays clearly on a 640 by 480 monitor.

where you have yet to visit. There are even sites which leave you wondering if you are still on that site? If this happens on your Web site you'll annoy your viewers leaving them with a bad feeling about your company and your products.

The easiest way to avoid these problems is at pen and paper stage (remember them?). Your site needs to be designed, on paper, from the top down so that you are clear about how and where each page fits into the overall plan. Your site diagram should be able to be drawn in a similar way to an organisation hierarchy chart with four to six main branches off your opening page, which will each contain sub-branches.

With a plan for your site you can then design its navigation system. Have a look around the Web at how other sites work to see what might work on your site. You may choose to use menu bars and contents lists as a way of showing your user what is available or you may display icons or pictures for them to click on. Make sure that you always offer a text alternative for any graphical navigation system or users with graphics turned off won't be able to find their way around.

If your site is large, providing your viewers with a site overview or a table of contents page will give them a good idea of what is to be found on your site. And always give the viewer a way of getting back to your homepage, too, so that if they get lost they can always find their way back.

Also consider that many of your viewers won't have entered your site via your homepage. They may have come in via a link from another site to any single page on your site, so make sure that from any page it will be easy for them to know where they are and what is available to them if they choose to stay and look around.

A handy technique for making sure that viewers don't leave your site even if they follow links to outside sites is to open the link in a new Web browser screen. For example, <A HREF = "http://www.microsoft.com/default.asp" TARGET = "_blank"> Microsoft </A> opens a new window for the Microsoft site, leaving the window containing your site still visible.

In addition to opening a whole browser, you can use JavaScript to customise how big the browser window is and what features, such as scrollbars and menus, are to be included. See http://search.netscape.com/comprod/products/navigator/version_2.0/script/script_info/methods.html#open_window_method for more details.

A word of warning though: always exercise caution when you use techniques that manipulate your users' desktop, as some viewers may find it annoying to have yet another window open that they don't have control over.

An excellent resource on Web design, which should be the foundation stone of every Web designer's library, is the book by Crystal Waters, *Web Concept and Design — A Comprehensive Guide For Creating Effective Web Sites*. Visit her site at http://www.typo.com/

9. Under construction

That little worker shovelling dirt on a yellow warning sign is working in way too many places, so give him (or her) a break and keep them off your site! In short, your site shouldn't be there for viewing until you are ready for people to visit, and if there are elements of your site that are incomplete, either don't mention them or mark them as 'coming soon'. But, if you do pre-publicity for a section of your site, make sure that it does get developed — sooner rather than later.

A better way of developing your site is to add new areas and then mark them as being new with a 'new' symbol or put them in the What's New section of your site. This way your viewers will see that your site is changing.

10. Unreadable

Many Web sites are text heavy and are at best difficult to read, and at worst unreadable. The mistake many designers make is thinking that material written and prepared for a book or a newspaper will reproduce on a Web site without significant reviewing. This is not the case because reading information from a screen is more difficult than reading printed matter. You should always review, and possibly reformat or rewrite, material before including it on your Web page.

Make sure that text paragraphs are short — try for between three to seven lines long. Add either an indent to the first line of each paragraph or a break between paragraphs to make a visual pause for your viewer. In general, a serif font such as Times New Roman is easier to read than a sans serif font such as Arial, so use a serif font at a size that is easily read even at lower resolutions. Remember that your aim is to make it easy for your visitor to read what you have to say.

If you have a text heavy page, don't try to squeeze it in to make it fit in a smaller area, rather, spread it out with lots of white space and frequent paragraph breaks. Even at double the length you'll have a page that is more reader friendly and more likely to be read.

You'll find that the new line tag <BR> and the new paragraph tag <P> may operate differently in different browsers and depending on whether or not you're using style sheets. The <BR> will give you a smaller break than the <P> tag. ❑

Trapping a DOS mouse

Windows 95

Stephen Dawson explains how to set up DOS mouse drivers in Windows 95.

There is a truly extraordinary omission from Windows 95: there are no DOS mouse drivers. I suppose the question could be asked: why would anyone need DOS mouse drivers in Windows 95? Doesn't it, after all, provide mouse support from within Windows for DOS sessions? Well, yes, that's true. Windows 95 is very clever in that the mouse driver not only makes the mouse available to DOS, just as if trusty old mouse.com was loaded, but does it without using conventional DOS memory. Good stuff indeed.

When you're running DOS 7 in a virtual machine, that is.

Now Microsoft has done a pretty good job in broadening Windows support for DOS programs. Many that wouldn't work at all within the old versions of Windows now run fine under Windows 95 and this saves a lot of fiddling about with special boot disks for games or multiple settings in config.sys. But there are still some DOS programs that simply refuse to operate properly within DOS sessions. Typically, these are games.

That's why Windows 95 includes a facility for re-booting into DOS mode (running Windows 95 in 16-bit command line mode, to put it another way). There are two ways of getting there. The first is selecting Shut Down from the Start menu and then selecting the third option 'Restart the computer in MS-DOS mode?'.

The other — and far more convenient — way is to set up an icon for your program and edit its Properties sheet. To do this:

1. From Windows Explorer, drag the program (usually ending in *.EXE or *.COM for really old ones) to the Desktop or a folder from which you wish to launch it (this includes the Start menu). This will create a shortcut to the program.

2. Right-click the icon, then click on Properties. This brings up the properties sheet for this program.

3. Click the Program tab (see Figure 1) and then the Advanced button. This displays the screen (see Figure 2) where you choose whether you want your program to run as a DOS session within Windows, or take over the whole machine, cutting Windows completely out.

4. To do the latter, select 'MS-DOS mode'. Leave the box 'Warn before entering MS-DOS mode' ticked. This will bring up a warning box, when you double-click your new icon, telling you to make sure you've saved any data you've been working on. This is necessary since going to MS-DOS mode closes everything down.

5. You then have the option of selecting whether you want raw DOS to run with the same configuration you use to run Windows 95, or some special one. In this case — since we're talking about using your mouse under DOS — you'll need to select a special one, so click 'Specify a new MS-DOS configuration'.

6. And now you may simply edit the 'Config.sys for MS-DOS mode' and 'Autoexec.bat for MS-DOS mode' scrollable boxes to set the options you want — including a reference to your mouse driver!

Simple, right? Okay, maybe it isn't so simple if you don't have a mouse driver.

There may be a simpler way. If your computer was upgraded to Windows 95 from DOS/Windows 3.1 and you had your mouse driver installed at the time of the upgrade, you can try clicking on the Configuration button underneath the autoexec.bat box. This will allow you to select some of the settings by ticking boxes.

Beware, though. Before you get to this setting box you will be warned that any config.sys and autoexec.bat information you've laboriously typed in will be lost if you set your configuration options this way. And they will. Still, you can cancel safely out of this dialogue after you've inspected it. And if there is a box there for 'Mouse', simply tick it and OK your way all the way back out. Yes, you now have an icon to run your game, with a mouse! But if you have a clean install of Windows 95 — where a full copy has been placed onto an empty hard disk, you will generally have only four options available for selection: Expanded Memory, Disk Cache, Doskey and Direct Disk Access. That's right: no mouse!

Why not? You'd better ask Microsoft that one. Perhaps they were too confident that the beefed up DOS support from within Windows 95 would mean that no-one would ever need to go back to native DOS again. Perhaps . . .

Okay, that's the problem — now let's find a cure. Not only does Windows 95 not install a DOS mouse driver for raw DOS use, it does not even provide one. Use the Windows 95 Find utility to search your Windows 95 installation CD-ROM for mouse.com. No, it's not there. Nor is it hidden in any of the compressed *.CAB files that actually contain the Windows 95 setup. Nor does Microsoft supply mouse.com from its file archive site on the Web. So it's up to you to find your own mouse driver.

Now if, with your new computer, you received a mouse made by anyone other than Microsoft, it may have come with a disk carrying its own dri-

WIN THIS HUGE PRIZE

Sony 17in Trinitron Monitor

Specifications: **17in Trinitron CRT with 15.9in viewable image; on-screen display of digital controls; digital Multiscan Technology supports multiple PC and Macintosh resolutions; maximum resolution of 1280 x 1024; aperture grille pitch — 0.25mm; scan frequencies — 30-80kHz (H) and 50-120Hz (V), Windows 95 Plug 'n' Play compatible; International Energy Star, NUTEK, and VESA DPMS compliant; fully compliant with MPRII emission.**

Sony Three Piece Multimedia Active Speaker System

Specifications: **Three-piece magnetically shielded speaker system including subwoofer and two satellite speakers; amplifier output 25W (RMS); frequency response — subwoofer 50Hz to 200Hz, tweeters 200Hz to 20kHz; two audio inputs with mix capability; operates from mains power supply. Accessories include connector cord (stereo mini jack to RCA mini plugs) and manual.**

Computer users looking for straightforward information on which products to buy and how to gain maximum productivity from them read *Australian PC User*. *PC User* publishes timely and informative feature articles that provides readers with a mix of reviews of the best products for the small business/home office computer user, and practical tutorials on how to get the best from these products. Each month *Australian PC User* comes with a CD-ROM that contains the latest games demos, shareware and exclusive multimedia tutorials and utilities. Visit *PC User*'s World Wide Web site at www.pcuser.com.au

CONDITIONS OF ENTRY

1. Instructions on "How to Enter" form part of these Conditions of Entry. The competition is open to residents of Australia only whose new subscription or renewed subscription for one year or more to *Australian PC User* is received between August 20 and last mail November 26, 1997 and is signed against a nominated valid credit card or, if paid by cheque, cleared for payment. Current subscribers, whose subscription falls due within the dates of the promotion, but who have renewed early, will automatically receive an entry in the draw.

2. The winning entry will be the first drawn at the promoter's premises, 54 Park Street Sydney on December 10, 1997 at 11am by a representative of *Australian PC User*. Employees of ACP Publishing Pty Limited, ACN 053 273 546, Sony Australia Limited, ACN 001 215 354, their families and advertising agencies, are not eligible to enter. All entries become the property of ACP Publishing Pty Limited, and may be used in future marketing promotions.

3. The judges' decision in relation to any aspect of the competition will be final and binding on every person who enters. No correspondence will be entered into.

4. The total prize, valued on July 14, 1997 at approximately $2518, consists of a Sony 17in Trinitron Monitor (model name CPD200SF), a Sony Three Piece Multimedia Active Speaker System (model name SRS-PC300D), and a Sony StorStation Tape Drive (model name STOR2GBGA). The prize is not transferable or redeemable for cash. Any change in the value of the prize occurring between publishing date and the date the prize is claimed is not the responsibility of the promoter.

5. The prizewinner(s) will be notified by security post and their names will be published in the February 1998 issue of *Australian PC User*.

6. Permit No. TC97/5600 issued under the Lotteries and Art Unions Act 1901. ACT Permit No. TC97/0316 issued under the Lotteries Act 1964. Approved by N.T. Racing and Gaming Authority Permit No. NT97/1644. SA Licence No. T/6233.

FROM SONY! AUSTRALIAN PC USER

Specifications: **Data capacity — 1Gb/2Gb (compressed). Includes tape backup software, one blank StorStation tape, parallel cable and power supply.**

To receive next month's issue of *PC User*, your subscription application needs to reach us before October 8, 1997.

Subscribe to Australian PC User today and be entered in the draw!

Now is the perfect time to subscribe or renew your subscription to *Australian PC User*. When you subscribe, Sony Australia is offering you the chance to be entered in the draw to win three fabulous Sony computer products: the 17in Sony Trinitron Monitor — ideal for desktop publishing, multimedia, and home entertainment applications; the Sony Three Piece Multimedia Active Speaker System; and the Sony StorStation Tape Drive. The total package is valued at $2518!

Place your subscription NOW and make sure you are in the draw for the Sony computer products!

Hurry, this special offer ends on November 26, 1997.

Yes! I want to subscribe and be entered in the draw to win the Sony computer products!

YES, please charge my subscription to ***Australian PC User*** immediately.

Please tick one box only:
- ❑ 24 issues at $119 (Save $41.80)
- ❑ 12 issues at $65 (Save $15.40)

Payment details: (tick one only)
- ❑ I enclose my cheque/money order for $_____made payable to ACP Direct. Or,

Please charge $_____ to the credit card nominated.
- ❑ Bankcard ❑ Mastercard ❑ Visa ❑ Diners Club
- ❑ American Express *Offer applies to Australian residents only.*

Please print clearly:

Signature _____ Expiry date ___ / ___

Mr/Mrs/Miss/Ms _____ Initials _____

Surname _____

Street Number/Name _____ City/town/suburb _____

Postcode _____ Daytime Phone Number ( ) _____

For immediate attention, please use our Fast Phone Service. In Sydney ring (02) 9260 0061. Elsewhere, 1800 252 515 – free call.

(If ordering by phone, the operator will record your answers).
Mail to: Reply Paid 764, Australian PC User, GPO Box 5252, Sydney NSW 1028. (No postage stamp required if posted in Australia)
OR, fax your order on (02) 9267 4363.

Published by ACP Computer Publications, a division of ACP Publishing Pty Limited ACN 053 273 546

1. Which of the following job titles most closely matches your position?
- ❑ 1. Managing Director, General Manager
- ❑ 2. Data Comms/Network Manager
- ❑ 3. LAN Manager
- ❑ 4. Microcomputer Manager
- ❑ 5. MIS Manager
- ❑ 6. EDP/DP Manager
- ❑ 7. Project Manager/Group Leader
- ❑ 8. Engineer/Architect
- ❑ 9. Accountant/Finance Officer
- ❑ 10. Systems/Programme Analyst
- ❑ 11. Consultant/Advisor
- ❑ 12. Other Computer Department Employee
- ❑ 13. Educator
- ❑ 14. Sales Representative
- ❑ 15. Office Administrator
- ❑ 16. Student
- ❑ 17. Other Professional
- ❑ 18. Other (please specify) _____

2. What is your organisation's primary business activity?
- ❑ 1. Government, Utilities
- ❑ 2. Agriculture, Mining, Oil
- ❑ 3. Transportation
- ❑ 4. Construction
- ❑ 5. Computer Manufacturer/Distributor
- ❑ 6. Communications
- ❑ 7. Computer Retailer/Reseller/Consultant
- ❑ 8. Finance, Banking, Insurance
- ❑ 9. Research & Development
- ❑ 10. Engineering, Architecture
- ❑ 11. Manufacturing (non-computer)
- ❑ 12. Retail (non-computer)
- ❑ 13. Publishing, Media
- ❑ 14. Health
- ❑ 15. Legal
- ❑ 16. Armed Forces
- ❑ 17. Other (please specify) _____

3. How much IT equipment do you anticipate being involved with the purchase of during the next 12 months at work? (Please include all hardware, software, peripherals, connectivity equipment and consumables).
- ❑ 1. None
- ❑ 2. $1 - $999
- ❑ 3. $1000 - $4999
- ❑ 4. $5000 - $9999
- ❑ 5. $10,000 - $49,999
- ❑ 6. $50,000 - $99,999
- ❑ 7. $100,000 - $249,999
- ❑ 8. $250,000 - $499,999
- ❑ 9. $500,000 - $999,999
- ❑ 10. $1,000,000+

4. How many microcomputers are you directly responsible for at work?
- ❑ 1. 1 - 9
- ❑ 2. 10 - 19
- ❑ 3. 20 - 49
- ❑ 4. 50 - 99
- ❑ 5. 100 - 499
- ❑ 6. 500 - 999
- ❑ 7. 1000 - 1999
- ❑ 8. 2000 - 4999
- ❑ 9. 5000+

97PUOC

❑ *Check here if you do not wish to receive information from third parties*

Program properties

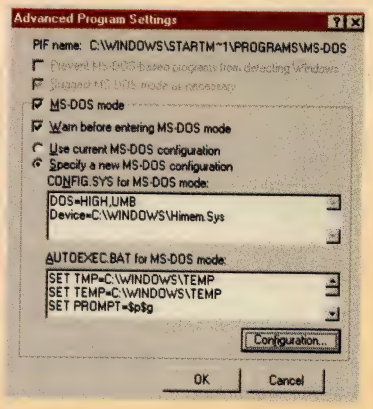


Figure 1: Right-clicking on a program icon will bring up its property settings.

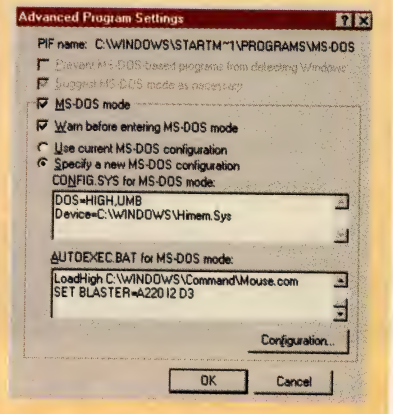


Figure 2: Clicking the Program tab and then the Advanced button will display this screen.

vers. Just follow the mouse's instructions for loading this driver, but instead of modifying your bootup autoexec.bat or config.sys, make the changes in the appropriate box as shown in Figure 2.

If you have a Microsoft mouse that came with your computer, chances are it's the OEM version, which comes without disks. However, if you happen to have an old copy of MS-DOS 6.0 or later, or Windows 3.1 or 3.11, you are the proud owner of a fully licensed copy of the Microsoft DOS mouse driver. To install, do the following:

1. Locate the files you'll need using the following table (for 3.5in disks — you'll have to search with other kinds):

System	Expand.exe	Mouse.co_
DOS 6.2	1	2
Wincows 3.1	3	4
WFW 3.11	6	5

2. Copy the program expand.exe to the root directory of your C: drive.

3. Insert the disk mouse.co_ is on.

4. Copy the driver by selecting Run from the Start menu and typing:

c:\expand a:\mouse.co_
c:\windows\command\mouse.com

5. Delete expand.exe from your hard drive (you're unlikely to need it again, so why waste the space).

Now this won't automatically give you the tick box mouse selection option (that needs a bit of Registry hacking, something we won't get into yet). Again, as with non-Microsoft drivers, you'll need to amend the autoexec.bat settings for your program's Properties sheet (see Figure 2). Simply add at the end of the line:

C:\WINDOWS\Command\Mouse

or, if you have upper memory blocks free:

LoadHigh
C:\WINDOWS\Command\Mouse

Then you can OK your way back to the icon and are ready to run the game of which you've been deprived.

COM vs SYS

Now here's a refinement. That mouse-based DOS game needs another 10Kb of conventional RAM to give you full sound . . . or something else that you really want!

At the DOS prompt you type MEM /C /P to see what memory is being used. Your DOS mouse driver — mouse.com — is sitting there in conventional memory using 17,088 bytes. But the memory summary tells you that you have a free 20Kb of upper memory. This is memory between 640Kb and 1024Kb that is only available to DOS in versions later than 5.0, and then only when the computer system doesn't need it for some other reason.

The line you put in your autoexec.bat is LOADHIGH mouse.com so it ought to go into upper memory all right. But it doesn't! Why?

If you type DIR MOUSE.COM in the appropriate directory, you'll see why. It has a file size of — wait for it — 56,408 bytes. What about the 17,088 bytes? Well, it turns out that the mouse driver has to do a bit of processing at load time, thus the extra. All that's left is the 17Kb when it's finished doing its housekeeping. But a 56Kb or more space in upper memory is required to start off. If mouse.com doesn't find the space there — even if you've specified LOADHIGH — it just throws up its virtual hands in disgust and loads itself into conventional memory.

Space is tight by the time you've finished loading your CD-ROM drivers and Expanded Memory and Smart Drive — all needed for your game — and you just can't release the space. This is because everything in config.sys has first go at the limited available space and mouse.com is loaded from autoexec.bat. If only you could load mouse.com in config.sys! Then the 56Kb it needs may well be there, it would load, do its stuff and then release all but 17Kb. Chances are all the other stuff in Upper memory would fit there as well.

Well, you can . . . sort of.

Do you have the old Windows 3.1 or Windows for Workgroups 3.11 disks? If you do, you'll find mouse.sy_ on the same disk as mouse.co_. Using the expand.exe program again, you can expand this to a DOS directory or, if you're using Windows 95, the \WINDOWS\COMMAND directory, giving it the name mouse.sys.

This is a DOS device driver for the mouse. It is functionally the same as mouse.com. Its file size is slightly smaller than mouse.com's (55,160 bytes) but the footprint it leaves behind in memory is identical (17,088 bytes). Being a device driver instead of a program, you load it through config.sys with a line something like DEVICEHIGH=C:\DOS\MOUSE.SYS. You should try placing it as early as you can in config.sys after the EMM386 and DOS=HIGH, UMB lines so it gets first look at the available space.

Opening up OpenDOS

DOS/Windows 3.11

Link Harris unlocks the secrets of multitasking and memory management for this free MS-DOS buster.

What you need **User Level**

OpenDOS Lite — 8086 with 512Kb of RAM, 286 with XMS for DPMS memory management, 386 with 2Mb of RAM for true multitasking, 6Mb of hard disk space

OpenDOS (with Personal NetWare) — 8086 with 640Kb of RAM (DOS only), 286 with 2Mb of RAM (Windows 3.1x), 12Mb of hard disk space, Network card and cables

Easy — Expert

Following from last month's introduction (page 80), we move OpenDOS beyond the bare-bones default installation.

Snappy setup

Configuring DOS can be tricky, tedious and traumatic — particularly when you have to juggle the command reference, a text editor and your objectives. If you shudder at sifting DOS commands into startup files and shuffling command line switches, you'll love the OpenDOS Setup program. Its context-sensitive help and nested menus manage your changes. Although this gives OpenDOS a good start, you'll probably still have to tuck into your text editor for fine tuning.

Move into multitasking

Multitasking means running several programs simultaneously. Each program is called a task, numbered 1, 2, 3 . . . in the order the programs are loaded. The OpenDOS Task Manager (TM) displays only one of the programs, the foreground task. The others keep on computing in background, however, even though they're out of sight. For true multitasking, Task Manager needs at least a 386 with a minimum of 2Mb of RAM. Less powerful PCs have to settle for task switching, where programs are frozen when shifted to background mode.

To prepare TM to load at bootup, type SETUP at the DOS prompt and select the Task Management menu. Then check Load Multitasking software, either by clicking on that entry or Tabbing to it and pressing Spacebar. It's not necessary to select Configure Task Manager. In fact, it's a good idea to go with the default configuration if you haven't used TM before. Then, after you have a feel for the way it interacts with your programs and the way you work, fine-tune TM by rerunning Setup.

That said, it's worth checking out TM's Menu Hot Key (default Esc) and Shift Key(s) (default Ctrl). Pressing the two together, then releasing them both, brings up the TM menu. From there you can tap Insert to create a new task. Translated, this means TM displays a screen with the DOS prompt, where you can launch another program. Also from the TM menu, you can select a task and either switch to it or tap Delete to delete it, which quits that particular program and removes the task from the list. If there's only one task, tapping Delete at the TM menu quits TM as well as the task program.

With TM's Shift key pressed you can switch between tasks using the numeric keypad, without having to go through the TM menu. Tap the task number to move to that task, + to select the next task on the list or - for the previous task. Task hopping with TM's Shift key is far faster than switching between DOS programs run from Windows. If any of your programs use the above key combinations, you can avoid conflicts by changing one or both of TM's special keys before you quit Setup.

After quitting Setup, each time you reboot the prompt 'Enable Task Manager (Y/N)?' lets you choose whether to load the TM software. If you use TM most of the time, that prompt's a pain — particularly since it's so easy to unload TM if you don't want it. To make TM get on with the job without asking, open your autoexec.bat file in Edit or another text editor. Find the line:

?"Enable Task Manager (Y/N)?"
TASKMGR

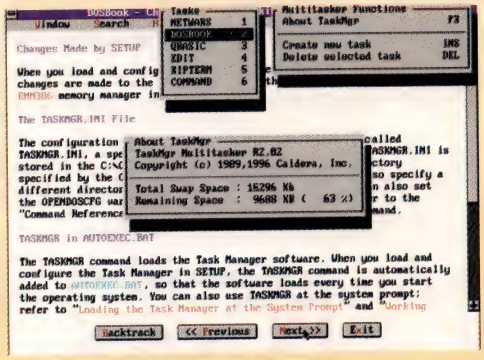
and edit it to

TASKMGR

While you're having a squiz, be sure your mouse driver loads before TM — otherwise you'll render your rodent impotent. The same applies for most of the rest of your autoexec.bat file, which means the line that loads TM should usually come last.

If you only use TM occasionally, scrub its line completely from your autoexec.bat file and start TM when you're in a multitasking mood by typing TASKMGR at the DOS prompt. You should still run Setup to configure TM, however, because that makes several changes to the config.sys, autoexec.bat and taskmgr.ini files.

Remaining RAM



With the Task Manager menu on-screen (two grey boxes at top-right), pressing F3 shows how much RAM remains for swapping tasks (grey box in centre).

Caldera OpenDOS

Caldera OpenDOS 7.01 comes in two flavours. The installation files for OpenDOS Lite and the archive for OpenDOS (Lite plus networking software) are included on this month's CD-ROM. You can pick up the password for the archive at http://www.caldera.co.uk/dos/

Troubles with TM

Switching between tasks lowers the data terminal ready (DTR) line, and this will drop any data flowing through the serial port at the time. This catch-22 means that although your communications program can upload or download while running as a background task, it's unreliable to start a file transfer (which must be done in foreground) and then switch the task to background. Also, many modems interpret a lowered DTR as a cue to hang up the phone, although you can get around this one by initialising the modem with AT&D0, and sending +++ATH0 when you want to hang up.

Re-claim conventional RAM

DOS applications crave conventional RAM (that below 640Kb). MS-DOS makes room by letting you push most of DOS into the high memory area (HMA, the first 64Kb of extended memory — XMS). Also, if there's space, you can nudge many drivers and TSRs into upper memory blocks (UMBs, snatches of RAM between 640Kb and 1024Kb — 1Mb).

Discover DPMS

OpenDOS strides one step further with DOS Protected Mode Services (DPMS), which lets you load a number of key drivers and TSRs into XMS, instead of being restricted to conventional RAM or available UMBs. This is a particular advantage for those programs that should fit into vacant UMBs — but won't, because they require much more RAM for loading than they do after they're resident in memory.

If you have at least a 286, the default OpenDOS installation enables DPMS by including the line device=c:\opendos\dpms.exe near the top of your config.sys file (where C:\OPENDOS is the directory where your OpenDOS files are kept). To have Setup add a DPMS line, which must come after the one that loads emm386.exe, select DOS System & Memory Management, Memory Manager and be sure Load DPMS software is checked. Although Setup has options for loading dpms.exe into conventional, upper or high memory, none of these affects the entry in config.sys and, when loaded, dpms.exe always occupies about 1Mb of conventional RAM. To view what's hanging about in that first 640Kb, type MEM/B/P at the DOS prompt.

Caching in

Although OpenDOS can use the MS-DOS SmartDrive, NWCACHE is smarter in many ways. Both set up their caches in XMS, but NWCACHE uses less total RAM below 1Mb, and is easier to shoehorn into UMBs because it can spread itself around. With memory lending enabled, NWCACHE dynamically adjusts the size of its cache when applications require RAM.

To configure NWCACHE from Setup, select Disk Performance and be sure NWCACHE Disk Cache is checked. Then select Configure, select Allow write delays — and accept the other defaults. Disk reads are always cached, and Allow Write Delays is a confusing way of saying disk writes are cached, as well. By default, NWCACHE doesn't display the DOS prompt until all data is flushed from the cache onto disk. Typing NWCACHE/S at the DOS prompt shows which drives are cached. Writes are cached for those drives labelled buffered or delayed, but not cached for drives labelled write through.

Unfortunately there are two subjects where SmartDrive is dux and NWCACHE wears the dunce cap. Not only won't NWCACHE cache CD-ROM drives, it crashes Windows for Workgroups running 32-bit file access. That's because 32-bit file access uses its own speedy VCACHE — which disables SmartDrive, but not NWCACHE, on conflicting drives.

Editing for extra memory

If you're presently accessing your CD-ROM drive with MSCDEX, it's simple to use NWCDEX instead because, with a couple of minor exceptions, both use the same command line switches. Open your autoexec.bat file in Edit or another text editor, and replace MSCDEX and its path (C:\DOS\MSCDEX.EXE, for instance) with C:\OPENDOS\NWCDEX.EXE, and leave all the switches as they are. Since NWCDEX is network-savvy, it doesn't need the /s required by MSCDEX, and will ignore that switch if it's present. Type NWCDEX/? at the DOS prompt for a more complete list of switches than given in the readme.txt file. Finally, be sure NWCDEX loads before SmartDrive if you want it to cache your CD-ROMs.

The OpenDOS DPMS mainstays mean it's usually no problem to shoo the remaining drivers and TSRs out of conventional RAM and into UMBs. To do this, replace DEVICE with DEVICEHIGH everywhere in config.sys except for the emm386.exe and dpms.exe lines, and replace INSTALL with INSTALLHIGH (an OpenDOS enhancement). In autoexec.bat, use LH at the beginning of all lines that load drivers or TSRs (including NWCDEX, which loads a 7Kb slice into conventional RAM by default). Exceptions here are for NWCACHE and SHARE, which load high automatically, and TASKMGR, which will load high but forces part of DOS into conventional RAM — leaving you worse off than before. Type MEM/A/P at the DOS prompt for the lowdown of what's loaded into the first 1Mb of RAM and a summary of what's free where. I easily achieved 624Kb of free conventional RAM.

Repairing NT files

Windows NT

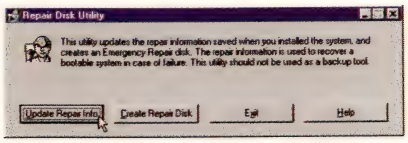
Don't let damaged NT files do you under. Link Harris explains how to make and use an Emergency Repair Disk.

What you need	User Level
Windows NT Workstation 4.0	Easy — Expert
NT4 Setup floppies (3)	
NT4 installation CD-ROM	
NT Workstation 4.0 Service Pack 2 (or later)	

Corrupt system files, a contaminated startup environment or a defective registry — these horrors can cause NT4 to collapse or prevent booting to the other operating system in a dual-boot scheme. Provided you have an up-to-date Emergency Repair Disk (ERD), however, you can usually salvage your setup without having to reinstall everything from scratch. An ERD is a floppy that contains critical information NT4 needs to know about its own installation and your software, hardware and network configurations.

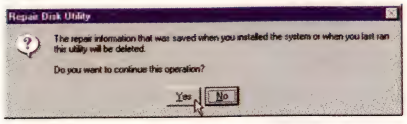
Creating an ERD

The files destined for the ERD are held in the C:\WINNT\REPAIR FOLDER (directory), where C:\WINNT is the home folder for your NT4 files. C:\WINNT\REPAIR contains backups of the registry files as well as other vitals, but these aren't updated automatically when you make changes — you have to prod NT4 to do it.



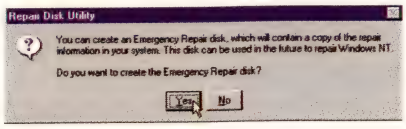
Step 1: Start the Repair Disk Utility rdisk.exe by selecting Run from the Start menu and typing RDISK. Unless you know that the contents of C:\WINNT\REPAIR are current, click on Update Repair Info rather than Create Repair Disk.

Step 2: When this warning window appears, clicking on Yes updates the



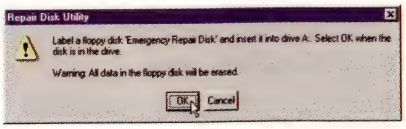
files in C:\WINNT\REPAIR, but doesn't affect the registry or any other NT4 files.

Step 3: After the Repair files have been refreshed on your hard disk, NT4



offers to make a floppy version, called the ERD. (If you can't spot a spare floppy or just want to defer the job, click No. The updated Repair data will remain in C:\WINNT\REPAIR until you're ready. Then type RDISK in the Run dialogue box and select Create Repair Disk.)

Step 4: Be sure to use a 1.44Mb floppy for the ERD. NT4 formats the floppy



before transferring the repair files and, for this application, it can't cope with a floppy of any other capacity.

Using an ERD

Step 1: Write protect NT4 Setup Disk 2, by moving the slider to uncover the window. Then make a backup, using either File, Copy Disk from My Computer or diskcopy from the command prompt. Put the original floppy aside, and use the backup for Steps 2 and 4.

Step 2: Replace the file setupdd.sys on Setup Disk 2 (backup) by copying the updated version from NT4 Service Pack 2 or later (Service Pack 3 is in \PATCHES\NT4SP3 on this month's CD-ROM). That file drives the Emergency Repair process, and the original (supplied on Setup Disk 2) doesn't always replace the NT4 files properly.

Step 3: Insert NT4 Setup Disk 1 in the floppy drive and cold boot your PC, either by pressing the Reset button or turning the mains power off and back on.

Step 4: After you insert Setup Disk 2, select R from the first menu to start the Emergency Repair process, and accept the defaults for the subsequent menu for a full diagnosis.

Step 5: At the next screen, press Enter to detect mass storage. Otherwise, you won't be able to use your CD-ROM drive for Step 7.

Step 6: After removing Setup Disk 3, insert your ERD at the prompt.

Step 7: Insert the NT4 CD-ROM, when the program asks for "the original installation media", to compare the system files on your hard disk with the originals. If your PC immediately hangs with "Checking drive \device\cdrom0\i386\autochk.exe" in the status bar, press Enter to get things moving again.

Step 8: Since the Repair Process removes any Service Pack (SP) updates, reapply the last SP (they're cumulative, so SP2 includes the fixes from SP1, and SP3 includes the fixes from SP1 and SP2). ❑

Service Pack 3

The files for NT4 Service Pack 3 are included on this month's CD-ROM. See page 3 for details.

What you need
Windows 3.1 or later
14,4000bps or faster modem
SLIP/PPP Internet connection

User Level
Easy — Expert

Digital IDs

Net guide

What is a digital ID, do you need one and how do you go about getting one? Rose Vines explains.

What's in your wallet? Chances are you have at least two or three items which identify you in some way: a driver's licence, registration, ATM cards, credit cards, Medicare card.

We're used to carrying around ID, it's no big deal. But how do you identify yourself on the Net?

Anyone who's spent any time in a chat room, MUD or newsgroup will know that the Internet is full of people who are faking it. You've probably done it yourself: assumed an identity, or given incomplete or inaccurate information, when forced to fill in a form to qualify for a software download or access to a site.

Even more importantly, how do you identify companies on the Net?

In the 'real world' we identify and judge companies we deal with by a combination of name, reputation and physical appearance.

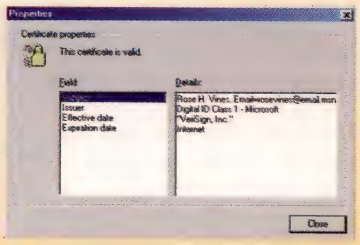
If you see an advertisement in the paper for a brand new computer system with the works and the price seems too good to be true, you're likely to do some checking up on the advertiser. If the company's name is unfamiliar, you might still decide to go to the store and suss them out: does the store look rundown or well maintained, do the staff look professional, do they answer your questions knowledgeably and clearly, how long has the company been in business, who else appears to be shopping there?

None of these things will guarantee you a 'safe' buy, but they all contribute to your decision whether to entrust your business to the company.

On the Net, there's no way to give a retailer the once over; all you have to go by is the company's name, the look of their Web site, and things you've heard from other customers.

The same goes for software publishers. The Web is overflowing with software downloads, and you'll frequently come across sites which offer to download a Java applet or ActiveX control to let you experience the latest gee-whiz effects. But how can you be sure these 'freebies' are safe to unleash on your PC?

Verify identity



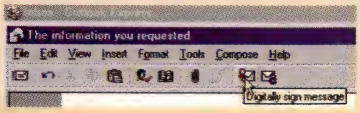
Digital certificates let you check the bona fides of people you communicate with on the Internet.

Digital certificates

Enter digital certificates. A digital certificate, or digital ID, is used to prove who you are on the Internet.

Digital IDs can be issued to Web sites, software developers and individuals. You can be pretty sure that anyone who produces a valid digital ID is who they claim to be. Of course, while a digital ID verifies someone's identity, it says nothing about their character — something you need to establish for yourself.

Digital signatures



Outlook Express — the e-mail and news reader program bundled with Internet Explorer 4 — supports encryption and digital signatures. You need a digital certificate before you can use these features.

Nevertheless, the requirements for getting a digital ID as an organisation engaged in electronic commerce are stringent enough that they give some assurance of the certificate holder being an established business. For software publishers, a combination of a digital ID and an Authenticode certificate not only verifies identity but also states the equivalent of "this code has not been tampered with and should not wreak havoc on your computer".

The basic personal digital ID requires nothing more than having a verifiable e-mail address. If people you deal with on the Net are finicky about who they're dealing with, you can get different classes of personal IDs, requiring either third-party proof of your name, address and other information, right up to IDs which can only be obtained by appearing in person or presenting registered credentials.

What is a digital ID?

What, exactly, is a digital certificate? Technically, it's an electronic document which conforms to the International Telecommunications Union's (the international body that determines communications standards) X.509 specification.

In everyday terms, it's a document which typically contains the owner's name and public key (see 'What is public key encryption?'), the expiration date of the public key, the serial number of the certificate, and the name and digital signature of the organisation which

What is public key encryption?

Former and current denizens of the schoolyard are no doubt familiar with the use of secret keys to encrypt messages: in order to put one over on your teachers or classmates, you and your friends devise a simple substitution code which you can then use to create and decipher messages. The process is simple:

1. You exchange the key with your friend.
2. Create your message.
3. Encrypt the message using the key.
4. Send the encrypted message to your friend.
5. Your friend decrypts the message using the same key.

This type of encryption, where the sender and the recipient use the same code to encrypt and decrypt the message, is an example of *symmetric encryption*. By using highly complex encryption keys rather than simple substitution, it can prove quite effective in protecting your secrets.

There are a couple of glaring problems with symmetric encryption. Firstly, it requires a separate key for each pair of users (or group of users), which is okay in the schoolyard, but becomes quite a management problem when you scale it globally. Secondly, there's no easy way to share the key securely in the first place. In the schoolyard, you can just hand it to one another, making sure no-one else sees it. On the Internet, especially when you want to share messages with many people, physically handing the key over is not feasible. Nor can you do it by e-mail or phone, because both are themselves insecure means of delivery. So you're in a catch-22.

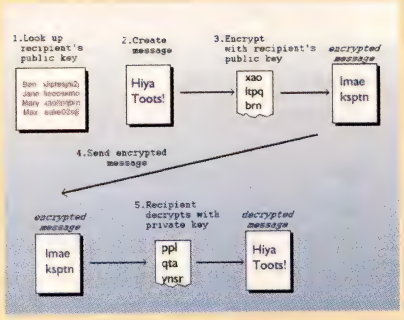
One solution is in *asymmetric encryption*, also known as *public key encryption*. In this form of encryption, each person has a pair of keys. One key is a public key, which can be made freely available, even advertised in a directory for all to see. The other key, which you guard carefully, is a private key. A message encoded with a particular public key can only be decoded using the corresponding private key, and vice versa.

To send a message to someone using public key encryption:

1. Acquire the recipient's public key.
2. Create your message.
3. Encrypt it with the recipient's public key. Once it's encoded, it can only be decoded with the recipient's private key. It doesn't matter if someone intercepts the message, as they won't have the private key needed to decode it.
4. Send the encrypted message to the recipient.
5. The recipient decodes the message using their private key.

Not only can you use public key encryption to send private messages, you can also use it to let the recipient know the message really is from you and not from some imposter. Here's how:

1. Create your message.
2. Encrypt it using your private key.
3. Send the encrypted message to the recipient.



Sending secure private messages with public key encryption

4. The recipient looks up your *public* key and uses this to decode the message. If the message decodes correctly using your public key, they can be sure that the message was created using your private key, and thus that it originates from you.

You'll see that there's a problem here. Anyone with access to your public key can read the contents of this message. If you want to keep the message contents private *and* let the recipient verify that the message is indeed from you, you need to use a combination of these two methods, essentially using the first method of encryption on the message contents, and sending a *digital signature* along with the message which is encrypted using the second method.

Alternatively, you can use symmetric encryption for the contents of the message and asymmetric for the digital signature. This is how many e-mail programs which support encryption work.

by Rose Vines

issued the certificate. The digital certificate binds together the owner's name and a pair of electronic keys (a public key and a private key) that can be used to encrypt and sign documents.

Verifying certificates

What's to stop you from forging a digital certificate by combining your public key with someone else's identifying information? This is the role of certificate authorities (CAs). These organisations are responsible for issuing, validating and revoking digital IDs. When you apply for a digital certificate, the CA checks your credentials and issues a certificate which they encode using their own private key. Anyone who wants to check the validity of your digital certificate can do so by decoding your certificate using the CA's public key, and then checking it against the certificate you've given them.

Of course, this means you need to be able to trust the CA, and that trust is based on the stringent requirements involved in becoming a CA. The most prominent CA at the moment is Verisign (www.verisign.com), although it is only one of a number of such authorities.

Best of the Net

PC User Offline's weekly Best of the Net column keeps you up-to-date with the latest — and best — computer news, sites and downloads on the Internet. Visit http://www.pcuser.com.au

Bulletin Boards: Online gates

The Gate

Phone: *(03) 9809 5097*
Speeds: *1200 to 33,600bps*

Says sysop (system operator) Chris Core, "There are no fees or file ratios for The Gate, and I don't accept donations." He adds that LORD II and other online games attract the most action, followed in popularity by the files (600Mb plus three CD-ROMs) and the 250 echomail conferences. To score 50 minutes daily online time, with downloads limited by the speed of your modem, tap N for the New User menu, then A to Apply for Verification. Here are two tips for new users on this Melbourne board. When you type your password, don't worry that nothing appears on the screen — that's the way it's set up. Also, the following keyboard shortcuts work from any menu: = Main menu, - previous menu, % page sysop and ! logoff.

Swing open The Gate for free online games, files and echomail.

Galaxy GateWay

Phone: *(07) 5426 8557*
Speeds: *300 to 33,600bps*

Having hovered near death for several months, the Australian BBS Registry is alive and well and beaming from Brisbane. James Collins, the Queensland Coordinator for as long as I can remember, takes over as National Coordinator — replacing Rodney Creer, who resigned the top job earlier this year (see May '97, page 95). Collins debuted with abbreviated Registry release 9707 in mid-July. "I'm still getting a grip on how it all hangs together," he says, "and am also having to rally some replacement State Coordinators."

Galaxy GateWay, formerly Collins' veteran bulletin board, now takes its name literally and serves as a dial-up gateway for three BBSs, two of which he sysops. G-FORCE! is PC-focussed and similar to the original Galaxy GateWay BBS, while Eastern Star is dedicated to the survival of the Amiga and development of the PowerPC platform — and it's home to the BBS Registry files. On the third board, Family Fellowship, sysop Kerry Robinson creates an environment of Christian and family values. In addition, two new boards are poised to enter the gateway: Muso Inc, overflowing with music files, and SnapDragon, a pictures and graphics emporium.

by Link Harris

Tell us about your favourite BBS — e-mail Link Harris on FidoNet 3:690/660 or link@wn.com.au

Do I need one?

Currently, there's no pressing need for you, as an individual, to have a digital ID. But that's due to change.

Recently, a group of the major financial players in the world of online commerce, including Visa (www.visa.com) and Mastercard (www.mastercard. com), have published a new protocol for SET — Secure Electronic Transactions. SET is designed to make online credit card transactions as secure as offline transactions and, once it's in place, many online merchants will insist you produce your digital ID before they'll do business with you. In fact, you'll need a separate digital ID for each credit card you use online.

It's not likely to stop there, either. Once online shopping makes digital IDs more commonplace, we'll probably see more Web sites using such certificates simply to check your ID.

You'll also find more and more software developers, online shops and other sites providing their own digital IDs as surfers and consumers demand greater security on the Net.

How do you get one?

You can get a digital ID from any of the CA's which provide personal digital certificates.

Usually the easiest way to get one is by using an application which supports digital signatures and encryption. The latest versions of both Netscape Navigator (and Communicator) and Microsoft's Internet Explorer provide support for encryption and digital signatures, and each program offers an option to sign you up for a digital ID.

Safety's a chimera

No-one is making iron-clad guarantees about the privacy and security of online interactions. But with the introduction of new technology, such as digital certificates, standards for e-mail encryption (such as S/MIME — Secure Multipurpose Internet Mail Extensions), and SET for electronic commerce, exchanging sensitive information online is becoming considerably less dicey. ❑

Site seeing

Our resident Net surfer Rose Vines visits an online community too good to pass by, finds cool software tools, a search engine for developers and more at her favourite sites for this month:

- **Cool Tool of the Day:** *www.cooltool.com*
- **Ganggang:** *www.ganggang.com.au*
- **Project Cool:** *www.projectcool.com/devsearch*
- **Tune-up:** *www.tuneup.com*
- **Virtual Community of Tomorrow (VCOT):** *www.vcot.com*

Full reviews of these sites are available on this month's PC User Offline CD-ROM. See page 3 for details.

Question time!

Readers' questions

Faster in a squeeze

Q: I run a 486DX4/100 with 8Mb of RAM and Windows 95, Microsoft Word 7.0 and CorelDraw 5.0 with Corel Photopaint 5.0. It has taken me about six months of experimentation to get everything working just right and each month I scan through your Questions column to see if there are any more tips to get my system running smoother.

My problem, which I must admit is not a major one, is that after recently installing DriveSpace as an experiment, I compressed 100Mb of free hard drive space with a compression ratio of 7:1 and this resulted in a 450Mb compressed drive being mounted on my hard drive. This in itself was quite astonishing to me as I did not ever imagine such a good result.

Anyway, after putting a couple of my larger programs onto the compressed drive and working with them for a while, can you explain to me why I seem to be getting better overall performance working from my compressed drive than I do with the programs on the normal part of the drive?

I suppose that I should explain my hard disk, which is only 250Mb in size. On the uncompressed part of the drive, I have a cut-down installation of Windows 95 and a custom installation of Word 7.0 plus an old version of Norton Commander, which I use for any DOS text editing and file viewing that I might need. On the new compressed drive, I have only got CorelDraw 5.0 and Corel Photopaint 5.0 and a couple of empty temporary directories that I use for trying out any new programs that I get. I have deliberately left about 50Mb of uncompressed space on the drive just to be sure that Windows has enough space to fiddle with its swap file.

Would there be any benefit in increasing the size of the compressed drive, and will it do any harm to the drive if I continue to operate it in this compressed state?

Stephen Quinton
Stanley, Tas.

A: *Compression does no harm to the drive; strictly speaking, it does nothing to the drive. It's all done by software, and your files are recorded as virtual files, part of a single great big real file (the 'container'). The reason why you have noted a performance improvement is that if a file is compressed to one-third of its 'real' size, it takes one-third as long to read and write the file to disk and the gain is greater than the time it takes your system to decompress and compress the file — especially if your hard disk is getting a bit old and is no longer the fastest gun in the south.*

This is particularly noticeable with bitmap files, which may be compressed by as much as 20:1. Text and program files typically run around 2:1 — the compression stated by DriveSpace is based on an average reading and the compression you actually get depends on how much 'slack' there is in the particular file. Some files, such as ZIP archives, are already so compressed that they actually come out slightly bigger on a DriveSpace compressed partition.

There was a time when disk compression seemed to cause trouble, but it only did so indirectly, because of interactions with SmartDrive. Those bugs have been cured long ago, and compression is now perfectly safe.

As for your system setup, I'd suggest moving all applications you can to the compressed partition and increase it in size until only Windows and 50Mb of swap disk space sits on the uncompressed one. When you need more space than that, I strongly recommend adding another drive — the biggest one you can afford. Make it your main drive and make your present drive the slave. Compressed, of course.

On a side issue, I strongly recommend that you get rid of Norton Commander, as your version doesn't know about long filenames and can do a lot of damage. It doesn't do anything

Having a computer-related problem?

PC User's technical editor, Jan Wikström, may be able to answer your queries in print.

Be sure to include your name and address and as much detail of your system as possible to assist in the solution; you should include an MSD report or a System Summary. MSD (Microsoft Diagnostics) is a DOS utility and part of DOS and Windows 3.11 and the System Summary is generated by the Print button in Windows 95's Control Panel, System, Device Manager. There's a trick to the System Summary: the file it creates is a coded printer file. If you install the default Generic/Text Only printer, the file will be plain ASCII text.

Please note that personal technical support cannot be provided, and not all queries may be answered.

If your problem is urgent, you should contact the supplier or retailer of the offending product.

Jan Wikström

Post details of your problem to Jan Wikström, PC User, GPO Box 4088, Sydney 1028; fax to (02) 9267 4909; or e-mail to janw@acp.com.au

$50 for your tips!

Discovered a great tip? Why not share it with other readers and earn some money for the trouble? We're offering readers $50 per tip that we publish. Please keep the tip to less than 250 words (the shorter the better), and screenshots are most welcome in bitmap format (.BMP).

Just e-mail the tip to janw@acp.com.au or post it to Jan Wikström, PC User, GPO Box 4088, Sydney 1028 (please include a printout, an electronic version in ASCII format on a 3.5in floppy disk, and a stamped self-addressed envelope if you want the disk back). Payment will be made within a month of publication.

that Windows 95 can't do, anyway, and you can use the space it takes up. Speaking of which, I'd strongly recommend an upgrade from 8Mb to 16Mb of RAM. You'll find a performance increase of over 50 per cent, which is worth having with a 486 . . .

Wandering icons

Q: I have Windows 95 installed on my computer and have generally found it to be a far superior interface to Windows 3.1. However, I encounter one irritating problem upon the installation of a new program onto my system. When the installation is complete, I discover that some file folders (always the same ones) have been stretched in size to about half the width of the screen, subsequently rearranging icons, regardless of what format I view them in. Is there a way of permanently setting folder sizes or is this problem yet another member of the Windows 95 'Bug Club'?

Geoffrey Rollins
Burnie, Tas.

A: *The Program Manager idea of Windows 3.x has pretty much been abandoned in Windows 95; there is a program.exe in the Windows folder that runs more or less like the old one, but it's not satisfactory. The same goes for running programs from icons in folders, which I gather is what you're trying to do. The main hitch here is that the order of the icons is alphabetical, and a new one can't come in where you want it. As you say, the folders also change their size and shape, though that is something you can fix: the freeware utility TweakUI, which you'll find on our monthly CD, has a Save Window Settings option.*

When all is said and done, though Windows 95 is really meant to be operated from the Start menu, which you can set up to suit yourself or from icons on the desktop (check back over my Windows 95 columns). Folders are best used to manage data files.

More ways of skinning cats

Q: I bought an Osborne PC in July '94. It is a 486DX2/66 with 16Mb of RAM, 256Kb L2 cache, 340Mb Connor HDD, Sony 1.44Mb floppy drive, 1Mb of video RAM and a 15in auto-scan digital monitor. The PC came with DOS 6.2, WFW 3.11, electronic manuals for DOS and WFW and an Osborne front end with tutorials etc, all loaded on the HDD. No manuals or installation floppy disks were supplied. All the software and manuals were supplied on a CD-ROM.

About a year later I fitted a CD-ROM drive and a Sound Blaster kit. I thought the CD-ROM drive would be a Panasonic or Sony brand but the sticker on it says 'Funai Electric Co. Ltd. Model No. E225OUA'. What brand is it?

Later I bought the Microsoft DOS 6.22 Stepup disk and upgraded to DOS 6.22. I have installed, tried and removed several shareware programs so bits and pieces may be left behind. I have used your hints on memory and modified the autoexec.bat and config.sys flies to get 615Kb of conventional memory. Memmaker only gave me 595Kb free.

Earlier this year I was thinking of upgrading to Windows 95 and decided to wait for your article on upgrading to Windows 95 to be printed to answer all my questions.

Your recent article on installing Windows 95 covered several installations. I intend to do a 'Pure 95' installation after I format my hard drive and buy the upgrade CD-ROM for Windows 95 because I already have DOS and Windows. You said the upgrade and full version are the same except that the upgrade asks to see your first Windows installation disk. My problem is I do not have DOS and WFW on installation floppy disks. They are on a CD-ROM and are not in a compressed format. That is, to install DOS from the DOS prompt, I type XCOPY D:\DOS_62\'.' C:\DOS /V and to install WFW from the DOS prompt I type D:\WINSETUP\SETUP.

Will any of the following methods allow me to use the Windows 95 upgrade CD-ROM to do a Windows 95-only installation?

1. Put the CD-ROM containing DOS and WFW in the CD-ROM drive when the upgrade installer program asks for the first Windows installation disk to show that I have WFW installed?

2. XCOPY all the DOS and WFW files on to floppies and use one of these?

3. Use BACKUP in the File Manager to backup DOS and WFW files to floppies and use one of these?

4. Use my boot floppy to format my HDD, install DOS from the CD-ROM, do a dual-boot installation for DOS and Windows 95 and then delete DOS from my HDD?

I have made a boot floppy complete with CD-ROM drivers and 15 DOS commands and it works okay.

A: *Before we go into the Windows 95 installation, I have to point out that your DOS installation method doesn't actually install DOS, but merely copies its utility programs across. To install, you have to run the Setup program in your DOS installation directory as this puts the boot sector and command interpreter on the hard disk.*

As for Windows 95, I don't know which actual file or files it looks for on the 3.11 floppy. I'd be inclined to delete WFW and all other directories including DOS, then do a fresh installation of WFW (to get rid of all rubbish) and finally install Windows 95 without the dual-boot

option, which will remove the existing DOS and Windows 3.11 installations. How to do this? Simple, just let the Windows 95 installer have its head; this is the default option provided that you don't change the destination folder.

After doing this, you should put REM before everything in config.sys and autoexec.bat and check whether everything works properly.

Folder reincarnation

Q: Heres a quickie for you: is there any way I can force Windows 95 to display files, in the OPEN dialogue box or folder display, in LIST view? I know there is a button to do it but even then it is very annoying to have to click it each time to get a list view.

Along a similar vein, can folders be forced to default to full screen when opened? I've tried holding down the Ctrl key on closing but with no luck. Windows 95 seems to have a mind of it's own when opening these boxes . . .
Alwyn Adkins
Kensington, WA

A: *The free program TweakUI has a 'Save Window Settings' option; if you set this, each window comes back in the last setup you had for that particular window. TweakUI is available on our monthly CD and the Microsoft Web site, along with the other power toys.*

Grading up

Q: Could you help me with a decision on upgrading my CPU. Would it be more beneficial to purchase more RAM and upgrade my video card than get an MMX CPU; for example, 200MHz with 32Mb of RAM and 2Mb video or 166MMX with 32Mb of RAM and 2Mb video card.

Also the Diamond 3D 2Mb card or the Matrox 2Mb WRAM? Which do you think? I also heard MMX computers are set up different to the standard Pentiums. Is that true and if so could you give details?

I hope you can help me with my questions as I am unsure (from things I've heard) whether the MMX is really that much better than the Pentium, for example, 166MHz MMX or 200MHz?
Peter Schipp
Via Internet

A: *It's a bit hard to say without knowing what you've got now, Peter, but in principle, memory and display adaptor upgrades give you the most bang for your buck.*

Forget about MMX for the next year or so; there's as yet no software to speak of that can make use of the MMX, and non-MMX software runs no faster on this CPU than on a regular Pentium. Also, keep in mind that your motherboard has to be able to run whatever CPU you want to install; the hardware manual will help you there. I believe the MMX is a direct plug-in replacement for the Pentium of the same clock speed.

For vector-based graphics (technical drawing, CorelDraw and the like) a fast CPU is important because it has to do a lot of floating-point database calculations. For bitmapped graphics (games, photo editing, videos), even a slow CPU mostly sits around and waits for the display adaptor, unless you have a really fast one.

I haven't tried the Matrox card myself, although I've heard it's good value for money, but I'm happy with the Diamond 3D 2000 on my home system, with 4Mb of on-board RAM, so I can do true colour editing at 1024 by 768 resolution with 70MHz refresh rate (I have a 17in NEC 5FG monitor). If you want to play a lot of 3D games, you'll find the Diamond 3D 3000 faster in this mode (but slower in normal 2D graphics). Oh, by the way, my CPU is a Pentium 90 and I have 32Mb of RAM.

How to find

Q: I read with interest the letter on the Themes fault in the August issue. I have had problems for ages. Can you please advise me the address to find the new file to fix the problem? I have searched all over Microsoft's Web Site to no avail.
Duncan Wilson
Via Internet

A: *There's a row of black buttons/tabs at the top of the Microsoft page at http://www.microsoft.com/; click the SEARCH one and ask for 'themes.exe' (including the quotation marks, so it's treated as one word) or ofread8.*

To switch or not to switch

Q: Is it okay to leave a computer on all the time, for example, just switch off the monitor? If not, what can happen?
Toni Lendich
Via Internet

A: *The drawbacks are that it's using power, buzzing and using up fan and hard disk motor life. The only advantage is that it saves the boot-up delay. There's an old story that the thermal expansion and contraction can cause cracks in electronic components when you switch on and off many times, but that's not an issue with modern equipment.* ❑

$50 reader tip

OEM Product Id clash

Its common practice for PC suppliers to pre-install an OEM version of Windows 95 from their own Windows 95 CD and then supply you with an unopened OEM CD. This is fine unless you need to run the Win 95 setup program again, to modify selected options, install new drivers, etc. What can happen then is that Setup prompts for the Product Id — usually something like 12345-OEM-1234567-12345 — clash with the Id used for the original setup, and therefore refuses to accept the CD. (An OEM CD can only be used on a clean system, not as an upgrade).

To get around this, go into the Registry Editor (taking all the usual precautions) and change the ProductId setting at HKEY_LOCAL_ MACHINE, SOFTWARE, Microsoft, Windows, Current Version to the Id shown on the Authenticity Certificate supplied with your PC.

Another way, if you're doing a full reinstallation, anyway, is to rename win.com in the Windows directory. This fools the Setup routine into thinking that this is a clean install
Rick Broome
Lisarow, NSW

Thanks for the tip, Rick. It's timely, now that we've all learned a bit about the Registry. — Jan

Bug patrol

Rose Vines finds bugs and provides fixes and workarounds for your favourite applications.

PC User Offline

On this month's CD you'll find:

Paint Shop Pro: The latest version of mfc42.dll (compressed in the zip file mfc42.zip) which fixes problems with invisible or slow-to-respond selection marquees.

Corel Print House and HP 660 printers: Version 9.02 of the HP660C series printer driver (HP 660C Series Driver.exe). This fixes problems in printing from Print House 1.1 to these printers (as well as fixing other assorted bugs with the printer drivers).

Word 97: The Word 95/6.0 Converter (wrd6ex32.exe), which converts Word 97 documents into Word 95 documents.

Paint Shop Pro

Selection behaviour

Paint Shop Pro 4 is a great upgrade from version 3, with dozens of improvements and enhancements, such as gradient fills, drop shadows, automatic button creation and a grab-bag of other features.

Some of the improvements can be confusing if you're used to version 3, and you may think that some of the old features are 'broken'. For example, the selection marquee (the animated dotted line around selections) behaves in an entirely different fashion and takes some getting used to.

Apart from the new behaviour, there is also a bug to look out for. If you find that the selection marquee is invisible or appears to take a long time to display, it may be because you have an early version of the file mfc42.dll. Paint Shop Pro 4.12 requires version 4.2.6256 of this file or higher. Perversely, some versions of this file misreport their version number, preventing the Paint Shop Pro installing program from overwriting the file.

If you appear to have a missing or sluggish selection marquee, you can grab the correct version of mfc42.dll from Jasc's Web site (www.jasc.com/support.html) or get it directly from this month's PC User Offline CD-ROM. You need to extract the DLL file from the zip into the \WINDOWS\SYSTEM folder (for Windows 95) or the \WINNT\SYSTEM32 folder (for Windows NT 4).

Microsoft Office 97

Installation folder names

Don't try to install any of the Microsoft Office 97 applications to a folder whose name contains a comma, single quote or exclamation point. It's quite likely to spit the dummy. Make sure you install onto to a folder that uses letters, numbers and spaces in the name.

In fact, you'll do well to let any program (from any company, not just Microsoft) install to the default folder unless you have a good reason for choosing another folder (such as not enough space on your C: drive). It's surprising how many programs don't work fully when you install them to a non-default folder. Even if they work perfectly, you may find you have more work to do when it comes to file operations as many programs use default folders for opening and closing files.

While it's not mandatory to use the default folder, it's often a good idea.

Corel Print House

Printing to HP 660

If you're using version 1.1 of Corel Print House in combination with a Hewlett-Packard 660C or 660CSE, you may come across the error "runtime error . . . unexpected heap error".

You can fix this by getting version 8 (or higher — the current release is version 9) of the 660C printer drivers from www.hp.com/cposupport/printers/software/dj149en.exe.html or from the PC User Offline CD-ROM.

Word 97

Word document incompatibilities

When Microsoft brought out Office 97 and Word 97, there were howls from existing users, as the company created new file formats for all the applications which were not backwards compatible. So, if you saved a Word document, for example, in Word 97 and then gave it to a colleague who had Word 95, they couldn't read it.

Word came with a clunky Save As... Word 95/6.0 option, but this was a hasty workaround. Instead of creating a true Word 95 document, it created an RTF (rich text format) file with a fake 'DOC' extension.

While the RTF format could save much of the original formatting, it's a string-and-chewing gum solution which has, justifiably, failed to satisfy Word users.

Microsoft has now released a Word 95/6.0 converter which converts Word 97 docs into proper binary Word 95 docs. There are some features of Word 97 documents which will still not be converted, simply because some of the new advanced features are not supported in the older version. But with this converter, you'll be able to share documents happily with others using earlier versions of Word. We've included the converter on this month's PC User CD-ROM.

Microsoft is also including the converter in the Office 97 Service Pack 1, which should be available from www.microsoft.com/office by the time you read this. The Service Pack includes a number of fixes and minor extensions to the Office applications in addition to the Word document converter. ❑

PC USER
OCTOBER 1997

Showcase

Advertisers' Deals of the Month

GATEWAY 2000'S SOLO 9100XL

For users on the move Gateway 2000's Solo 9100XL is the ultimate high-end mobile PC which bridges the gap between desktop and portable without compromising portability. There's a huge 13.3in XGA screen, Intel's Pentium 166MHz processor with MMX technology, 64Mb SDRAM, 3Gb removable IDE hard drive, 4Mb EDO VRAM graphics, 16-bit stereo sound and a combo CD-ROM drive, a 33.6Kbps fax-modem, MS Office 97 on top of Windows 95, DOS 6.22/Win 3.11, NT 4.0, a leather carrying case and lifetime toll-free technical support.

From: Gateway 2000
Phone: 1800 061 315
Web: www.gw2k.com.au

Price: $7899 (inc tax)

See page 33

TYPEQUICK FOR STUDENTS

Typequick for Students is the action-packed, fully animated, interactive multimedia typing tutorial. But the real novelty is the story-line, which unfolds over 10 hours to keep users entertained. The program includes all the teaching techniques, course structure, remediation and motivation of the famous Typequick course, the fastest keyboard trainer with the highest success rate which has been used by more than 1,000,000 people. Typequick for Students costs $99, with multi-user educational licences also available.

From: Typequick
Phone: (02) 9498 7433
Web: www.typequick.com.au

Price: $99 (inc tax)

See page 27

MAUS MASTERPLAN FOR WINDOWS

Multimedia presentations are all the go in the business world. And, if you purchase MAUS MasterPlan, the market leading business and marketing planning software, you will receive MAUS Corporate Pursuit, the ultimate multimedia business simulation, normally retailing at $89.95, for just $49.95.

From: MAUS Business Systems
Phone: (02) 9957 3827
Web address: www.maus.com.auS

Price: $49.95

See page 119

INTERNET-READY MULTIMEDIA PC

Compucon Computers is offering a multimedia PC with a K6-200 processor, 32Mb of RAM, a 2.1Gb HDD, a 15in monitor, 24X CD-ROM, fax-modem, three years overseas warranty., a video-conferencing kit, plus an Epson Stylus 300 colour printer, and an Acer colour scanner for this unbelievable price!

From: Compucon Computers
Phone: (02) 9417 7166
Web: www.compucon.com

Price:$2990

See page 13

INTERNET SHARING HUB

This is a real breakthrough for SOHO and multi-computer Internet users. This single box, priced from $298, links both internal and external computers for secure, cost-effective results. It functions as a normal LAN hub for computers on the same site, and connects all machines to the Internet.

From: Knowledge by Design
Phone: (02) 9212 1399
Web: www.kbd.com.au

Price: From $298

WORLD BOOK ENCYCLOPEDIA

Any customer who purchases World Book Encyclopedia and who already owns another multimedia encyclopedia can send in for a $30 rebate! Also, from October 1, anyone who buys World Book gets World Book 98 free when released.

From: Dataflow Computer Services
Phone: (02) 9417 9700
Web: richardh@dataflow.com.au

Price: $89.95

CYDEX INTEL PENTIUM II 266 SYSTEM

The Cydex Intel Pentium II 266 PC comes with a US made supermicro motherboard, 32Mb RAM, AcerView 17in monitor, Mystique 4Mb video card, AWE64, 24X CD-ROM, 480W speakers and more. Own configurations welcome.

From: Cydex Computers
Phone: (02) 9411 5088
Web: http://www.cydex.com.au

Price: $3569

How to participate: The Advertisers' Deals of the Month page is open to submissions from all companies who take out at least one full-page ad in that edition of *Australian PC User*. For more information contact (02) 9288 9144.

IBM Notebooks

ThinkPad® 380

From **$3,280**

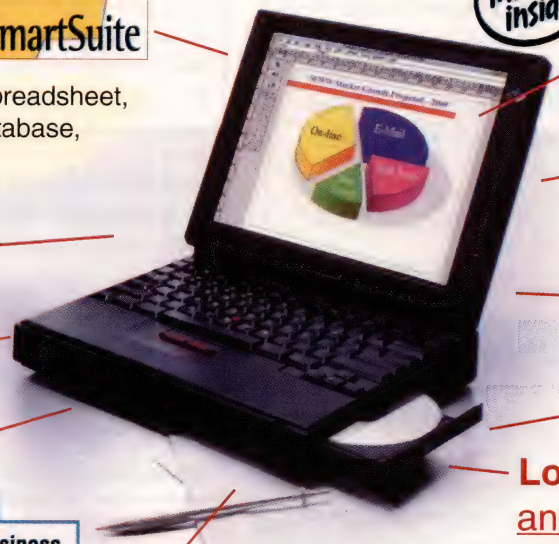
*RENT from $109/Mth, 3Yrs**

All–in–One Convenience

New design offers a diskette, CD–ROM (optional) & hard disk in one convenient package. A big bright 12.1" screen, fast 4Mbps infrared communications. Everything you need for mobile computing and more.

High performance Notebook

With a 150MHz Intel Pentium® processor and L2 cache. Optional port replicator offers convenient docking. Forget about your "second" computer. Replace your old desktop with a ThinkPad that does it all.



intel inside

Lotus SmartSuite

WordPro word processor, 1-2-3 spreadsheet, Freelance Graphics, Approach database, Organizer, Scheduler, Netfinity.

12.1" Screen

Supports Sound Blaster Pro Applications

1.08 Gb Hard Disk

128 Bit Graphics with MPEG–1

24Mb EDO Ram

Internal Floppy

Only 3.0 Kgs

Look! 8X CD–ROM(Optional) and Floppy installed con-currently (Most notebooks won't do that!)

IBM Business Partner

Free carry bag

Other 380 Models	CPU	Screen	Hard Disk	Price	Rent 3Yrs
380D 2aa, CD-Rom	150Mhz	12.1" Passive	1.35Gb	$3,799	126/Mth*
380D 3aa, CD-Rom	150 with MMX™	12.1" Active	2.1Gb	$6,290	208/Mth*

Also call for...

- Other Notebook brands
- Notebook Accessories
- Desktop Systems
- Printers Laser / Inkjet
- Modems

* Rental figures shown are approximate & based on a 36 month term, subject to finance approval.

HEWLETT PACKARD

New **A4 Flatbed with slide adapter**

Hewlett Packard 1600C Color Scanner

- 600 dpi, 2400 Enhanced
- 30 bit internal processing
- Includes Adobe Acrobat
- Scan Slides

Only **$1,290**

Single pass scanning, Includes HP Deskscan, Corel PHOTO-PAINT, Corel WEB.GRAPHICS SUITE, Caere OmniPage LE OCR, 25 pin SCSI interface included 12 month warranty. (Optional support pack for extended warranty).

THE HARRIS WEB–SITE

"Absolutely, fabulously, undeniably THE very best shopping site I have found in the last year of surfing. It met every expectation I would have. More comfortable, faster and quite likely more informative (due to the links etc.) than actually being in the shop. Today I am a proud Aussie!"

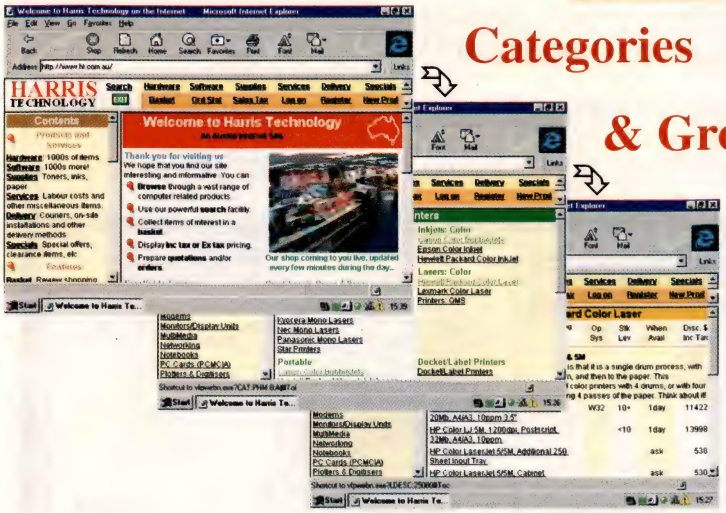
Unsolicited feedback from an internet user, January 4th, 1997.

http://www.ht.com.au

Browse our Web–site, phone, fax or call in for:

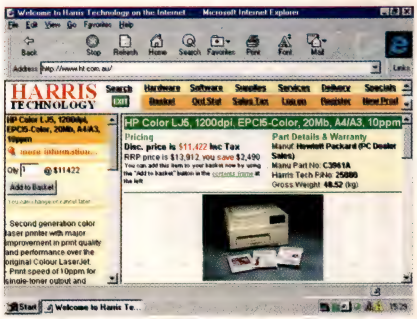
CAD • NETWORKING • PCMCIA
SOFTWARE • GRAPHICS CARDS
NOTEBOOKS • SYSTEMS

You can *quickly* drill down through:

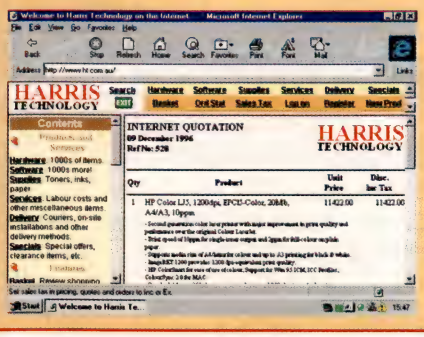


Categories

& Groups... to thousands of Parts.



Create and Print Your Own Quote

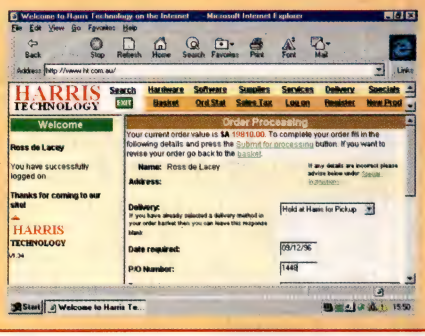


THOUSANDS OF PRODUCTS ON-LINE

View our "Live" data showing price and availability

Adobe • Apex • AST • Banksia
Brother • Caere • Canon • Casio • Corel
Epson • Hercules • Hewlett Packard
IBM • Intel • Kodak • Lexmark • Lotus
Matrox • Microsoft • NEC • NetComm
Number 9 • Seagate • STB • Toshiba
TrueVision • Xircom

Like to order? Sure, No Problem.



HARRIS TECHNOLOGY

Ground Floor, 275 Alfred Street, North Sydney
Ph 9957 1142, Fax 9957 3345 Internet www.ht.com.au

All prices include tax and are subject to change without notice.
Windows is a registered trademark of Microsoft Corporation,
Pentium is a registered trademark of Intel Corporation.

Open 7 Days
9-6 Mon/Fri
9-4 Sat/Sun

OCTOBER 1997 - MORE MICROSOFT SPECIALS

CORPORATE CLEARANCE SALE

CHEAPER THAN MOLP/SELECT!!

(FULL COPY - COMPLETE WITH DOCUMENTATION, DISKS, LICENSE AND REGISTRATION)

- MS OFFICE PRO 97 UPHRADE $409
- MS OFFICE PRO V4.3 FOR WIN 3.X $495
- MS OFFICE STD V4.2 FOR WIN 3.X $425
- MS WORD V6 OR EXCEL V5 $230
- MS EXCEL V7 (for Win 95) $99
- MS POWERPOINT V4.0 $195
- MS ACCESS V2 $230
- MS PROJECT V4 FOR WINDOWS $519

IDEAL FOR CORPORATE & GOVERNMENT BUYERS.

NEW PRODUCTS FOCUS

Microsoft Windows NT WorkStation Ver 4 Upgrade

$189!!

- Win NT Workstation V4.0 Full $389
- Win NT Workstation V4.0 Licence $289
- Win NT Workstation V4.0 Upgrade $189
- Win NT Workstation 4 Resource Kit $95
- MS Win NT Server 4 $795
- MS Win NT Server 4 + 5 Clients $959
- MS Win NT Server 4 + 10 Clients $1275
- MS Win NT Server 4 Upg + 5 Clients $525
- MS Win NT Client Access Licence $44

Microsoft BEST-SELLERS

FOR WINDOWS 3.X USERS

	UPGRADE	FULL
• OFFICE PROFESSIONAL	$439	$495
• OFFICE STANDARD V4.2	$339	$425
• WORD V6	$189	$230
• EXCEL V5	$189	$230
• ACCESS V2	$189	$230

FOR WINDOWS 95 OR NT USERS

	UPGRADE	FULL
• ACCESS 97	$139	$319
• WORD 97	$129	$319
• EXCEL 97	$139	$319
• PROJECT 4.1	$199	$639
• VISUALBASIC PRO V5	$329	$625
• VISUAL C++ PRO V5	$329	$679

CORPORATE SOFTWARE AUSTRALIA

Proprietary Limited ACN 003 338 029

UNIT 1A • 28 VICTORIA ST • SMITHFIELD • NSW • 2164
P.O. BOX 6168 • WETHERILL PARK • NSW • 2164

PHONE: (02) 9725•3700 OR VISIT OUR WEB SITE: CORPSOFT.COM.AU FAX: (02) 9604•1983

Phone or Fax your Order and we'll Deliver to your Home or Office

APC/PCU/PCW 1097 (0509)

MS PUBLISHER 97

For Windows 95 or NT

$89.00

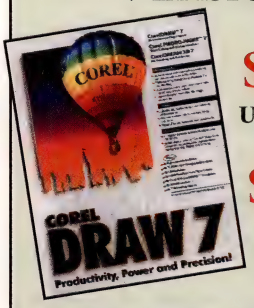
FREE HP COLOUR SCANNER

While stocks last, you'll receive a FREE HP 5P Colour Scanner when you purchase either

Adobe Photoshop V4 **$730 !!** *OmniPage Pro V7* **$795 !!**

$100 CASHBACK OFFER

COREL DRAW VERSION 7



$249.00* Upgrade Version

$369.00* Full Version

**For a limited time only you will receive $100 Cashback from COREL when you register your CorelDRAW V7*

NEW PRODUCT FOCUS

PARTITION MAGIC

Ver 3

$106.00

SYSTEM COMMANDER

Ver 3

$99.00

COREL WORDPERFECT SUITE V8 (95/NT)

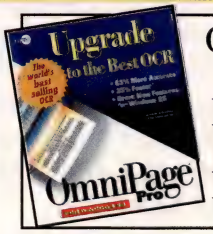
$219 (CD)

Upgrade $219

COREL WORDPERFECT SUITE 7

New Version for Win3.1

$CALL



OMNIPAGE PRO

V6 for Win 3.x	$730*
V7 for Win95/NT	$795*
(*includes FREE HP Scanner	
V7 Upgrade	$329
V6 Upgrade	$279

PLEASE NOTE

- DELIVERY: POST $10 OR COURIER $14.
- WE ACCEPT BANKCARD MASTERCARD & VISA
- PHONE, FAX AND MAIL ORDERS WELCOMED
- GOODS ORDERED IN ERROR INCUR A 15% RESTOCKING FEE.
- WE ACCEPT AUTHORISED RETURNS FOR CREDIT WITHIN 10 DAYS IF GOODS ARE UNOPENED AND IN SALEABLE CONDITION.
- PRICES INCLUDE SALES TAX ; E.&O.E.
- MONEYBACK OFFERS (IF ANY) ARE THE RESPONSIBILITY OF THE MANUFACTURER.
- ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

CLEARANCE CORNER

Check our Web site for latest specials and savings

- **15,000 Clipart & PhotoMagic $40**
- **DBASE 5 for Windows $99**
- **MS Excel V7 for Win95 $99**
- **Encarta 97 World Atlas $39**
- **MS Money 97 $37**
- **MS Works V3 $59**
- **Norton AntiVirus 1 for Win95 $20**
- **Q&A for Windows $198**
- **Quicken V4 $20**
- **Visual dBASE for Windows $149**

OCTOBER 1997 - MICROSOFT SPECIALS

NEW VERSIONS FOR WIN 95

Microsoft® OFFICE 97
LICENCES ONLY
STD - **$430**
PRO- **$480**
Min Quantity Requirements
Call for Details and Discounts

Microsoft® VisualBASIC
Professional V5
$415
(Save $310)
This Special Offer is for owners of MS Office Pro.

THE VALUE PACK IS BACK

FOR A LIMITED TIME ONLY; INCLUDES
- MS Office Pro 97 Upgrade/Tradeup
- Norton AntiVirus 2 for Win95 & NT
- MS Publisher 97 CD
- MS Money 97
- MS Picture It!
- MS Encarta World Atlas
- Games Sampler CD
- MS IntelliMouse & More !!!

$499

NEW PRODUCTS FOCUS

Microsoft® Office 97 UPGRADES

- Office 97 Standard $319
- Office 97 Professional $409

If you don't already qualify for these upgrades then add $20 for Harvard Graphics CD

- Office 97 Developers Edition *(Update from Office 97)* $399
- Office 97 Standard Upgrade Licence Only $279
- Office 97 Professional Upgrade Licence Only $379

CORPORATE SOFTWARE AUSTRALIA

Proprietary Limited ACN 003 338 029

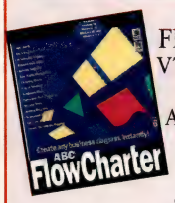
UNIT 1A • 28 VICTORIA ST • SMITHFIELD • NSW • 2164
P.O. BOX 6168 • WETHERILL PARK • NSW • 2164

PHONE: (02) 9725•3700 OR VISIT OUR WEB SITE: CORPSOFT.COM.AU FAX: (02) 9604•1983

WHY PAY MORE? WE GUARANTEE TO BEAT ANY GENUINE COMPETITOR'S PRICE !!

APC/PCU/PCW 1097 (0509)

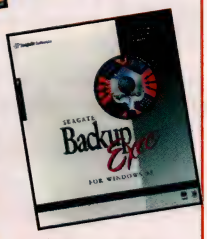
New for Windows 95 & NT



ABC FLOWCHARTER
V7 for Win95/WinNT
Includes FREE
ABC Flowcharter V4
$299.00

Microsoft® FrontPage98
$135.00

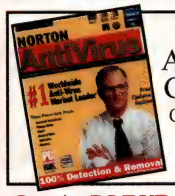
WINFAX
V8 FOR WINNT/95
$117.00
Upgrades for $85



Seagate Backup Exec V2
for Win95
$99.00

NORTON UTILITIES
V2 FOR WIN 95/NT
$109.00 each
(Upgrades for $85))

ABC Flowcharter V7 (+Free V4)	$299
Adobe Acrobat V3.0.1 - NEW!	$295
Adobe Illustrator V7 - Full	$685
Adobe Illustrator V7 - Upgrade	$195
Adobe PageMaker V6.5 - Full	$975
Adobe PageMaker V6.5 - Upgrade	$195
Adobe Photoshop V4 with FREE HP 5P Colour Scanner	**$730**
Adobe PageMaker 6.5 & Photoshop V4 Bundle	**$1375**
AutoCAD LT V2	$415
AutoCAD LT V3 for Win95	$715
Borland C++Builder Standard	$125
Borland C++Builder Pro	$375
Borland C++Builder Crossgrade	$347
Borland Delphi V3 Standard	$129
Borland Delphi V3 Professional	$395
Borland J Builder Standard	$135
Borland J BuilderProfessional	$450
Carbon Copy 32 Edition (95/NT)	$195
Check-it Diagnostic Kit	$158
CorelDRAW V7 - Upgrade	***$249**
CorelDRAW V7 - Full	***$369**
*(*after Cashback from manufacturer)*	
Corel WordPerfect Suite V7 CD	$249
Corel WordPerfect Suite 7 Win3.x	$NEW
Corel WordPerfect Suite V8 CD	$219
Corel WordPerfect Suite V8 Pro	$299



NORTON ANTIVIRUS Gold Edition
CD for Win95/NT/3,1
$79
Upgrade for only $65

CreativePC DVD Kit - NEW	$749
DriveCopy	$45
Eudora Professional V3.0	$97
First Aid Deluxe 97 - NEW	$75
FormTool 97	$125
HP ScanJet 5P Scanner	**$499**
i-SHARE V2.5 (Internet Sharing)	$115
i-SHARE V2.5 (32 User)	$249
Kai's Power Tools	$180
Laplink for Windows 95 V7.5	$199
Lotus 1-2-3 97 on CD	$249
Lotus 1-2-3 97 Upgrade - NEW	$195
Lotus Organiser 97 for NT/95	$120
Lotus Organiser GS - NEW!	$130
Lotus Smartsuite 97 CD + Mouse	$335
McAfee VirusScan (Win3/95/NT)	$70
Microsoft Collection 97	**$99**
(includes Money 97/MS Picture It & Encarta World Atlas)	
MS FrontPage98 - NEW!	$135
MS IntelliMouse for Office97	$79
MS Mouse (Serial and PS/2)	$69
MS Office Small Business Ed	**$365**
(includes Word/Excel/Publisher/Outlook & IE)	
MS Plus! Addon For Win 95	$64

REACHOUT V7
for Win NT/95/3.1
$209.00

MS Project 98 - NEW!	$CALL
MS Project V4.0 for Win 3.x	$519
MS Project V4.1 for Win 95/NT	$639
MS Publisher V2 - Win 3.1	$105
MS Publisher 97 -Win95 (CD)	$89
MS VisualBasic V5 Pro Upgrade	$329
MS VisualBasic Pro V5 Special	$415
MS Visual C++ V5 Professional	$679
MS Visual C++ V5 Pro Upgrade	$329
Win 95 Resource Kit (CD)	$75
Win NT Server 4 Resource Kit	$189
Win NT Wkstn 4 Resource Kit	$95
MS Windows 95 Full Version	$259
MS Windows 95 Upgrade - CD	$135
MS Works V3 for Win 3.1	$59
MS Works V4 for Win 95	$68
M.Y.O.B. Accounting V7.0	$329
M.Y.O.B. + Payroll V7.0	$485
M.Y.O.B. First Accounts	$169
M.Y.O.B. MultiUser V7.0	$888
Netscape Communicator V4	$99
Norton Utilities V2 for 95 or NT	$109
OS/2 Warp V4 - Upgrade	$165
OS/2 Warp V4 - Full	$220
PaintShop Pro V4 Win95	$98
Partition Magic V3 - NEW	$106

PC Anywhere NEW V8
Dos/Win3/Win95/NT
$189.00
Incl Host & Remote

Procomm Plus for Win 95-CD	$210
Quark Xpress V3.32 for Win	$1645
QuickBooks V5	**$339**
QuickBooks Pro V5	**$429**
Quicken V3 (Free Delivery)	**$20**
Quicken V6 CD&3.5 - NEW	*** $60**
Quicken Deluxe V6	*** $75**
*** after $20.00 Cashback from manufacturer**	
RamGate	$58
Seagate Backup Exec - NT Server	$749
Seagate Backup Exec - Enterprise	$1358
Seagate Backup V2 for Win 95	$99
System Commander V3	$99
TypeQuick (for Windows)	$69
Uninstaller V4.5 (New version)	$62
VET AntiVirus Win 3/95/NT	$89
VISIO Professional V5 - New!	$375
(Upgrade to Visio Professional $285)	
VISIO Standard V5 - New!	$225
VISIO Technical V5 - New!	$445
Windrenalin (Accelerate your Hard Disk)	$65
WinFax Pro V8 (for 95/NT)	$117
XTree Gold Windows Ver 4	$105

Microsoft® Small Business Server
$Call

CORPORATE & GOVERNMENT ENQUIRIES WELCOME. FURTHER DISCOUNTS AVAILABLE DEPENDING ON QUANTITY REQUIRED

MS Office

Includes:
MS Word 97,
MS Excel 97,
MS Powerpoint 97, MS
Outlook 97, & MS Access 97*
*only in Office 97 Professional

from: $339

Get Harvard Graphics for ONLY $19 and upgrade from it to a full version of MS Office:

MS Office 4.3 Pro Win 3.11 Trade Up	$439
MS Office 4.2 Standard Win 3.11 Trade Up	$349
MS Office 97 Learn Video	$35
MS Office 97 Licencing	CALL
MS Office 97 Professional Trade Up	$439
MS Office 97 Professional Trade Up & IntelliMouse	$469
MS Office 97 Resource Kit (book)	$75
MS Office 97 Running (book)	$59
MS Office 97 Starts Here! (book)	$39
MS Office 97 Standard Trade Up	$339
MS Office 97 Small Business Edition Trade Up	$349

MS Office 97 Value Pack

$519 Delivered!

Price Guarantee: $519#

We guarantee to deliver MS Office value pack at the lowest price in Australia. If you see a better advertised price within one week of your order, we'll not only refund the difference, we'll also give you a City Software $10 gift voucher!

MS Home Essentials 97

With MS Word 97!

PLUS: •Works 97 •MS Encarta '97 World Atlas •Greetings Workshop •Internet Explorer 3.0 •Arcade & more...

$149

FREE!

DELIVERY* TO ALL STATES

ABC Flowcharter 7.0	329	Save	166
Act! 3.0 Win 95	245	Save	54
Adaptec CD Creator Deluxe 3.0	135		NEW
Adobe Acrobat 3.0 Windows	259	Save	100
Adobe Acrobat Capture 2.0	985		NEW
Adobe Dimensions 3.0 Win/MAC	235	Save	60
Adobe Illustrator 7.0 Upgrade	199	Save	16
Adobe Illustrator 7.0 Windows or MAC	689	Save	206
Adobe PageMaker 6.5	829		Special
Adobe PhotoShop 4.0 Win/MAC Upgrade	335	Save	10
Adobe Premiere 4.2 Win or MAC	895	Save	200
Adobe Type Manager 4 Deluxe 95/NT	119		NEW
ArcServe 6.0 Single Server NT	645	Save	70
Australia On Disc (Business/Residential)	479	Save	20
AutoCAD LT 3.0 Windows 95/NT	695		Special
Backup Exec 2.0 Windows 95	109	Save	21
Borland C++ 5.0 Developer	499	Save	10
Borland Delphi 3.0 Pro Upgrade	345	Save	14
Borland Delphi 3.0 Standard	149		NEW
Borland J Builder Pro	815		NEW
ClickArt 125,000 Classic Image Pack	109	Save	10

FAST!

SAME DAY DISPATCH

Corel Web Master Suite	295		NEW
Corel Wordperfect Suite 8.0 Upg	229		NEW
Corel WordPerfect Suite Pro Upg	299	Inc Paradox!	
DataSAFE - Encryption	95		NEW
DeBabelizer Professional	735	Save	145
DoubleZIP 97	45	Save	5
Drive Copy for Windows/DOS	45		NEW
Easy Translator	69	Save	10
Eudora Pro 3.0	99	Save	21
Filemaker Pro 3.0.3	254	Save	5
First Aid 97 Deluxe Windows 95	75	Save	11
IBM Simply Speaking	85		NEW
IBM VoiceType Dictation 3 UK & FREE Vocab.	469	Save	130
Internet Phone 4.0 WIN/MAC	69		NEW
IShare 3 Session	105		NEW
Kai's Power Goo	95	Save	25
Kai's Power Tools 3.0 Win95/NT	189	Save	90
Language Now! Italian	89		NEW
Laplink Pro 7.5 for Windows 95/NT	205	Save	86
LightWave 5.0 Win/MAC	1769	Save	210
Lotus SmartSuite 97 Upg/Weblicator	335		Special
MAC OS 8	145		NEW
Macromedia Director 6	1285	Save	114
Master Clips 150,000 ClipArt Images	129	Save	21
Maximizer 97 C/Upg	169		NEW
McAfee Virus Scan / WebScan	89		NEW
Media Studio Pro 5.0	629	Save	70
MetaCreations Painter 5	475		NEW
MetaCreations Painter 5.0 Upg	135		NEW
Micrografx Webtricity	189	Save	56
MS Encarta 1997 CD Encyclopaedia	49		Special

COMPETITIVE PRICES

MS Encarta 1997 World Atlas	49		Specia
MS Encarta 97 for MAC	65		NEW
MS Front Page 97 Win or MAC	139	Save	134
MS Money 97	39	Save	10
MS Press Publications			Call for pricing
MS Project 4.0 or 4.1	688		Specia
MS Publisher 97	99	Save	20
MS SQL Server 6.5 & 5 Licence	1890		NEW
MS Visual Basic 5.0 Enterprise Upgrade	919	Save	10
MS Visual Basic 5.0 Professional Upgrade	325	Save	14
MS Windows '95 Full	265	Save	130
MS Windows '95 Upgrade CD or Disks	139	Save	30
MS Windows NT 4.0 Server & 5 client	990		Special
MS Windows NT 4.0 Server Resource Kit	145	Save	155
MS Windows NT Workstation	389	Save	30
MS Works 3.0/4.0	69	Save	10
MYOB 7.0 Windows or MAC	339		NEW
MYOB 7.0 & Payroll Windows or MAC	488		NEW
MYOB First Accounts Win/MAC	175		Special
MYOB Premier 1.0 (3 User)	895		NEW
Netscape Communicator 4.0	95		NEW
Netscape Communicator Pro 4 (3.1/95/NT)	125		NEW
Norton AntiVirus GOLD	85		NEW
Norton PC Anywhere 7.5 H&R	189	Save	106
Norton Utilities 2.0 Win 95 or NT	109		In Stock
NOVA Backup Software	89		NEW
Oil Change (Includes 40hrs free Internet)	49		NEW
OmniPage 7 Pro Upgrade	199		Special
Paintshop Professional 3.12 or 4.1	99	Save	11
Paper Master Live 3.0	239		NEW
Partition Magic 3.0	109	Save	44
PhotoDisc Starter Kit	65		NEW
Procomm Plus 32 Win 95/NT	199		Price Drop
QuarkXPress 3.32 Windows 3.1 & 95	1659	Save	340
Quarterdeck Cleansweep 3.0	59	Save	6
Quarterdeck Essential Utilities Pack	79		Special
Quick Books 5.0	339		NEW
Quick Books 5.0 Pro & Payroll 3.0	519		Great Value!
Quick Books 5.0 Professional Upgrade	195	Save	4

Corel Draw 7.0

Created for the professional illustrator, graphic artist and desktop publisher, CorelDraw 7 gives you enhancements and features including Corel PHOTO-PAINT 7 for photo editing and bitmap creation and CorelDREAM 3D 7 for 3D modelling and rendering.

Buy Corel Draw 7 between 15th September and 15th November 1997 Corel will give you:

$100 CashBack!

Offer available when you purchase full ($659) or upgrade versions of Corel Draw. Not applicable to Academic version ($135)

RELIABLE

BUY SOFTWARE THE SMART WAY

k Payroll 3.0 Pro	345	Save	55
ken Deluxe 6.0 Windows	85	Save	19
Gate 4.1	55	Save	14
ue - Data Recovery	105		NEW
m Commander 3.04	85	Save	84
ker 97	255		NEW
staller 4.5	55	Save	10
Antivirus	85		Special
5.0 Professional	479		NEW

miro DC10 Video Capture Card	629		Inc Tax
Netcomm Roadster 33.6 Ultra SVD	205	Save	70
Netcomm Roadster 56 K-Flex External Modem	245		NEW
OpticPro 9630P & OmniPage LE	339		Special
US Robotics Palm Pilot Pro	579		Inc Tax
US Robotics Sportster 56K Modem	249		Special
Xircom 33.6k PC Card Modem	259		Special
Zip 100MB Disc	21.95	Save	10
Zip Drive (SCSI/Parallel/IDE)	249		Inc Tax

5.0 Standard	215		NEW
fax Pro 8.0	119	Save	30
zip 6.2	65	Save	24
rd Ace Multilingual Dictionary	69		NEW
afax 5.0 for Networks 5 User	719	Save	180
Peripherals & Consumables			
be PhotoShop 4.0 & HP ScanJet 5P	749		Inc Tax
ksia 33.6 PC Card Modem	279	Save	20
ksia Web Ramp	869		NEW
Blank KODAK Gold (with case)	4.95		Special
Neato Labeller	109		NEW
on Stylus Colour 300	255		NEW
IP Printer Toners/Cartridges			Please Call
IP Scanjet 6100 & Adobe Acrobat	1299		NEW
1 Voicetype & KTX 33.6K Modem	155		Inc Tax
Drive 1GB 3.5" SCSI Internal	545		Inc Tax
Drive 1GB Disk	159		Inc Tax
dak DC50 Digital Camera	1149		Inc Tax
us Smartsuite 97 & 20x CD-ROM	179		NEW
us Smartsuite 97 & KTX 33.6k Modem	179		Special

Academic Versions (Student/Teacher ID required)			
ED ABC Flowcharter 7.0	180	Save	19
ED Adobe Acrobat 3.0 Win or MAC	59		Special
ED Adobe Illustrator 7.0 Win or MAC	249	Save	46
ED Adobe PageMaker 6.5 Win or MAC	299		& Clipart!
ED Adobe Photoshop 4.0 Win or MAC	389	Save	106
ED Borland C++ 5.0 Desktop	145	Save	34
ED Borland Delphi 3.0 Professional	309	Save	40
ED Corel Draw 7.0 CD	135	Save	14
ED Corel Wordperfect Suite 8.0	49		Special
ED Corel Wordperfect Suite 8.0 Pro	139		NEW
ED Lotus SmartSuite 97	85		NEW
ED MAC OS 8	105		NEW
ED McAfee Virus Scan Win or MAC	45		NEW
ED McAfee Web Scan	35		NEW
ED MetaCreations Painter 5.0	310	Save	52
ED MS Office 97 Pro Developer	279		NEW
ED MS Project 4.0 or 4.1	265	Save	194
ED MS Visual Basic 5.0 Professional	115	Save	14
ED MS Visual C++ 5.0 Professional	115		Special
ED MS Visual J++ Pro 1.1	59		NEW
ED MS Visual Studio Enterprise 97	525		NEW
ED MS Visual Studio Pro 97	295	Save	44
ED MS Windows NT 4.0 Workstation	169	Save	10
ED Norton AntiVirus GOLD	69		NEW
ED Norton Utilities 2.0 Windows 95	69	Save	6
ED Turbo Pascal for Windows 1.5	99		Special
ED Visio 5.0 Professional	325		NEW
ED Winfax Pro 8.0	79	Save	6

ncyclopædia Britannica CD 97

e only CD-ROM encyclopædia that con-ns all 44 million words and 65,000 arti-s from the 1997 Encyclopedia Britannica int set, along with 4200 images and an tra 2000 articles, from over 4000 expert ntributors.

...AND MORE THAN 3500 OTHER TITLES!

For more information see our home page at http://www.citysoftware.com.au
Unit 103 Slough Estates, 45 Gilby Rd. P.O. Box 697, Mount Waverley VIC 3149
Email: sales@citysoftware.com.au

Freecall : 1 800 62 9500

Local : 03 9558 9555 Fax : 03 9558 9900

***FREE Express Freight**

OR ALL ORDERS OVER $200 - otherwise add $10 for delivery ($5 to Melbourne Metro). Same day delivery for Melbourne Metro (order by 12:30pm) and next day air for most other locations (order by 4pm). Government/corporate purchase orders and credit cards welcome. Further discounts on quantity. Ask our corporate specialists for volume licence pricing. Prices/versions subject to change without notice. Full price list available on request. Savings off RRP/SRP. All prices include sales tax. Only official Australian versions listed. E & O.E

CITY SOFTWARE ©

A.C.N. 054615253

LaserBaud

Direct Mail Multimedia Specialists

CELEBRATING SEVEN YEARS OF SERVICE — 7 years

49-51 Ramsden St., Clifton Hill. VIC 3068
Tel: (03) 9482 3814
Fax: (03) 9482 3876 FaxBack: (03) 9481 8088
Internet: www.laserbaud.com.au
E-mail: web@laserbaud.com.au

U BEAUT CD-ReWriter

2X Write/6X Read

From $749

COMPACT disc Recordable ReWritable

- It's a CD-Recorder!!
- Plus It's a CD-ReWriter!!!
- It's a CD-Rom Player!

Bare Drive for PC	$749
Internal PC Kit	$899
External PC Kit	$999

Kits inc: Adaptec Easy-CD Pro 95 v2.1, DirectCD & 1 x ReWritable Disc.

Specifications

- Use Write-Once CDs (from just $5.65ea!) *or* use ReWritable Media – re-write up to 1000 times!! – only $49ea! (20+ $45ea)
- Write 650MB / 74 minutes audio
- SCSI • 1MB Buffer • Ricoh MP6200S

The Best CD-Recorder Range at the Most Stupid and Aggressive Prices in Oz

NEW

SCSI

U BEAUT IDE CD-Recorder

Atapy 2X Write/6X Read

Australia's FIRST SCSI-free CD-Recorder! Uses standard IDE port!
Specs: 6x Read/Audio Extraction, 2x Write - Record 650MB/74 min in 32 minutes.
Available as an INTERNAL PC KIT, including:
Atapy IDE 6x Read/2x Write CD-Recorder, Audio Cable and manuals
Adaptec Easy CD-Pro 95 v2.1 mastering software, 1 Blank CD media!
SO EASY TO INSTALL! USE THE STANDARD EIDE PORT!

Only $649

CD-R/CD-RW Mastering Software

NEW **Adaptec Easy CD Creator – Deluxe Edition $149**
FANTASTIC NEW VERSION, *inc. CD Spin Doctor (converts Vinyl to CD), PhotoCD, VideoCD & Jewel Case Creator, CD Copy, CD-RW & IDE support and more...*
"Hot features make this a perfect complement to Easy CD-Pro 95 2.1!"

Adaptec Easy-CD Pro Win 3.11 or Windows 95/NT	$369
Adaptec DirectCD Packet Recording Win95	$29*
MULTIMEDIA AUTHORING: SCALA MM200	$229*

** Only available when you buy a U BEAUT CD-R Kit*

U BEAUT CD-R Printer 720

Just $1699

NEW

Full Colour CD Printer
Affordable & Professional
720 x 720 dpi
24-Bit Colour, Photo Quality...
Prints right on the disc!
FREE Adobe PhotoDeluxe, 3 Caddies
Available as a PC or MAC Kit
Blank CD-R Media: Approved 720dpi, Water Res. - $14.95ea (min10)

QuickCam COLOUR 2

$399

New! Version 2 - Better Optics & Improved Software - PC only
Captures full-screen (640X480) in 24-bit colour. Now captures up to 30 frames per sec. (fps). Ideal for Internet Phone with Video, CU-SeeMe, AudioVision and VideoPhone
(Specify PC or MAC)

QuickCam BLACK & WHITE

Affordable Videoconferencing
Simply plugs into your parallel port. Broadcast video on the Internet or video conference with the amazing QuickCam. Capture frames (320 x 240) or video with sound up to 15 fps.
$199
(Specify PC or MAC)

Internet PHONE

$65

Now with Video & dual licence
See the face of a loved one or have a face to face business meeting! Leave voice mail, make direct calls, exchange files, and create, edit & view documents in real time.
Req: QuickCam for VideoConferencing, Win95, 16-Bit Sound Card

Agfa ePhoto 307 Price Breakthrough

$549

PC or Mac

- 2MB = 72 Low-Res (320x240) or 36 Hi-Res (640 x 480) Photos
- Flash • Timer • Via Serial Port!

FREE Adobe PhotoDeluxe

NEW **Free Microtek Scanner Offer!**
PC or Mac
BUY Adobe Photoshop 4.0 for $599 or Caere OmniPage Pro 7.0 for $499 AND GET A FREE FLATBED SCANNER!!!

Parallel/SCSI Scanner Only	Photoshop Bundle	OmniPage Bundle
$259 OR $319	$599 OR $669	$499 OR $569

Specs: 24-Bit Colour, 300x600 optical/1200 dpi interpolated

SHARK 250 - Ideal portable solution - No AC Power!!!

- Rugged SpaceAge construction • 250MB capacity • 2.5" HARDiskette
- Installs in minutes • Powered from Keyboard
- Simple parallel port connection with pass-thru
- Dependable Hard-Disk Technology

FASTER & LIGHTER THAN ZIP & SYQUEST EZ-FLYER!

- Height: 25.4 mm • Width: 89 mm • Length: 139 mm • Weight: 275 g
- Av transfer rate: Up to 1.25MB/sec • Av seek time: Less than 12 msec
- Power Consumption: 5v, 3.3 watts

250MB Media: (min buy 3) $49

$499

IOMEGA Zip & Jaz

ZIP - *Australia's most popular drive!*

NEW PRICE BREAKTHRU!
Internal ATAPI only $185

from Only $185

Other Models $235 each • External Parallel PC
• External SCSI (PC/Mac) • Internal SCSI PC
Int SCSI inc FREE ADAPTEC 1502 SCSI Adapter! *Call for Full Specs*

Check out our range of U BEAUT JAZ Products on the other page...

IOMEGA JAZ - HUGE 1GB storage at breakneck speed!!!
• Ext SCSI (PC/Mac) $799 • Ext Parallel PC $878

Zip Media From $19.95ea

Jaz Media $145

Genuine Iomega Zip Media 100MB

Qty: 1-19	20+	50+
$22ea	$20.95ea	$19.95ea

Zip Battery *portable power supply*	$79
Zip Caddy *holds 6 disks*	$25
Zip Media Traveller *holds 6 disks*	$29
Zip Mini/Deluxe Carry Case	$29/$59
Jaz Traveller *Parallel to SCSI*	$79
JazJet SCSI PCI *SCSI controller*	$179

Aztech Desktop Photo Printer

The REVOLUTIONARY Desktop Photo Printer that cleverly fits into your 5.25" DriveBay.
Develop Crisp, Super Glossy, Smudge-Free COLOUR Photos from your PC... INSTANTLY - NO WAITING!!! No more trips to the chemist!!! Print any BMP, PCX, GIF, TIF & JPEG image 20 Sheet Film Paks include everything... no messy ink cartridges, toner or printer ribbons. Also available as an external device. CALL for FULL SPECS!!!

FROM $399

DPP-100 Internal	$399
DPP-200 External	$449
Film Pack - 20 sheets	$19

Syquest SyJet 1.5GB

Dual Platter Removable Hard Drive

Solve your storage problems! Less than 12ms seek time - work directly from the SyJet without sacrificing performance!

Int SCSI PC	$699
Int EIDE PC	$699
Ext SCSI PC/Mac	$899
Ext Parallel PC	$899
1.5GB Media	$155

Jukeboxes (Multi-CD Drives) 6 & 8-spin IDE

Insert CDs directly to the drive - no caddies, cartridges, magazines .... not even a loading tray! Fits neatly into a 5¼" drive slot; horizontal or vertical mounting.

6 Spin 4-CD $199 8 Spin 4-CD $269

Neat, sweet - hard to beat! Order today!

SCSI Anyone?

LaserBaud stocks a great range of Adaptec SCSI Controllers, External SCSI Cases & Cables... CALL!!!

LaserBaud Sound Card

- 16 Bit, Stereo, SB compat. AudioRack S/Ware
- Full WIN95 support, plug & play, full duplex
- CD-Rom IDE interface, 4 to 44.1 kHz • Joystick / Midi port

$69

Sonic Boom Speakers

MASSIVE 240 W of POWER! 4" Woofer, 2" Tweeter, Surround Sound. Volume, tweeter & woofer Control. Magnetically Shielded. Freq Response: 50Hz-20KHz

$49

TOTAL 3D

Immerse Yourself

- Blazingly fast, Shockingly detailed 3-D Game Play
- Immersive 3D Stereo Sound
- 4MB EDO DRAM
- Amazing 3D Stereoscopic Realism with dazzling VR glasses
- Rendition Ready (RRedline)
- Inc: IndyCar 2, Whiplash, Descent 2 SE and Quake SW

Winner: KICK ASS Award "Best 3D Card" - Win95 Mag

$399

Thrustmaster T2

- Life size steering wheel
- 2 button console
- Sturdy pedal system
- Compatible with all popular racing games

Real Feel Steering Wheel

$229

Thrustmaster Grand Prix 1 $149
• Thrustmaster's budget steering wheel

WACOM ArtPad II

The Wacom ArtPad II Tablet - the most natural, method available when you need to draw, paint or manipulate graphics on your computer. Available for PC & Mac

$279

RED Eye InfraRed Adapter

Network any two computers running Win95, perfect for Laptops, Notebooks etc. Totally wireless data transfer between any device with InfraRed support. Plugs in Serial Port!

$69

Legal Mumbo Jumbo

© 1997 LaserBaud. LaserBaud and U BEAUT are registered trademarks of LaserBaud. All other trademarks are the property of their respective owners. LaserBaud is mail order only. We deliver throughout Australia and all over the world. LaserBaud is not responsible for errors or omissions in typography or photography. Prices and specifications subject to change without notice or obligation. Contact your LaserBaud representative to confirm correct product information by calling the Free-Call Orders Hotline during office hours (Monday to Friday 9 to 5 Melbourne Time). The above are special promotional prices and all special offers are for a limited time only or until supply lasts. All prices include sales tax and exclude packaging and handling charges. For all Govt., International or Dealer orders, exclusive of sales tax price list is available upon request. All hardware has a 12 month return to base warranty. Displayed pictures may not match actual products. We accept payment by Credit Cards (Bankcard, Mastercard & Visa), Money Order or Cheques. LaserBaud does not add a surcharge for credit card sales. All Credit Cards charges verified for fraudulent use. Purchase orders accepted from Government and Academic Institutions. Payment clearance required before dispatch. You can order via phone, fax, mail, online at our Internet web site or e-mail.

LaserBaud

Direct Mail Multimedia Specialists

CALL for your FREE FULL COLOUR CATALOGUE

BURN BABY, BURN!!!

U BEAUT CD-RECORDERS

Welcome to the 4-X Generation

NEW

U BEAUT PANNY 2 SCSI 4X Write/8X Read (Panasonic CW7502B) **OR** **U BEAUT YAMMY** SCSI 4X Write/6X Read (Yamaha CDR400t)

Bare Drive Only PC	$899
Internal PC Kit	$999
Ext PC/MAC Kit	$1149/$1199

SCSI Controller Kits - *If you don't have a SCSI Controller...*
FREE SCSI cable with every Controller Kit (specify int. or ext.)
CD-R 16-Bit ISA SCSI Add-On (AHA 1505) $89
CD-R 32-Bit PCI SCSI Add-On (AHA 2910) $179
(We only stock Adaptec - the industry standard!)

- All U BEAUT CD-R Kits include Recording Software, Manual & 1 Blank CD
- U BEAUT PC Kits come with the latest Adaptec Easy-CD Pro 95 version 2.1
- U BEAUT MAC Kits come with Astarte Toast Pro 3

U BEAUT CD LABELS & LABEL KITS

Made in Australia to Australian Standards

Laser-Quality Australian Made

Label Kits include: 50xA4 sheets (150) laser-quality CD labels • Label Applicator • U Beaut **BONZA Library** CD incl stand alone label-design software, clipart and so much more (valued at $49!) • ***Choose Crisp White or Bright Yellow*** — $79

Label Refills: 50xA4 sheets (150) laser-quality CD labels — $49

NEW **HOT FLUORO Paks** — $49
30xA4 sheets (90) CD Labels in fluoro orange, pink & green!

CD-R MEDIA

• 100% Warranty • Cheapest in OZ •

74 mins/650MB & Jewel Case • Platinum or true Gold • Super Scratch Resistant • 100 Year Lifespan • 6x •

$5.85 ea Min 10 | $5.75 ea 100+ | $5.70 ea 500+ | $5.65 ea 1000+

U BEAUT JAZ Drive & JAZ Pro Paks

Jaz Drives • SCSI • Removable Hard Drives • 1GB •
Jaz Pro Paks include 4 x 1GB Cartridges (save $100!!)
Iomega JAZ Cartridges ONLY ... $145

CHEAPEST in OZ!!

U BEAUT JAZ Drive & Pro Paks

Genuine Iomega Jaz Drives

Internal SCSI PC	$519
Internal SCSI PC Pro Pak	$899
External SCSI PC	$619
External SCSI PC Pro Pak	$979
External SCSI MAC	$619
External SCSI MAC Pro Pak	$979

FROM $519

Palm Pilot the one touch organiser

NEW FROM $459

•Unique Pen-Recognition Software •Pen-like Pilot Stylus •Superb 'One-Touch' Capability •Improved PIM •E-Mail •Huge In-Built Memory • LCD Backlit Display •PLUS NEW EXCLUSIVE 2MB Models ...it's like having your PalmPilot on STEROIDS!

'SuperOz PalmPilot CD-Rom' 250+ PILOT PROGRAMS - FREE with EVERY PalmPilot

Personal Edition	512K & FREE CD	$459
Professional Ed	1MB & FREE CD	$549
SPECIAL! LaserBaud Exclusive ...		
Professional II	2MB & FREE CD	$649
OLD MODEL SellOut: Pilot 1000 - 128KB ONLY $339		
Pilot 5000 - 512KB $379 or Pilot 5000 PRO - 1MB $449		

YOU GET: •PalmPilot Connected Organiser •Synchronising cradle •PalmPilot Desktop software for Win 3.11/Win95 •PalmPilot Handbook •Quick Start Guide • DB-25 Adapter • 2 x AAA alkaline batteries •Protective carrying pouch •FREE CD

Palm Pilot The Software

QuickSheet Spreadsheet	$129
IntelliSync - *with Outlook 97 support*	$99
PalmPilot MacPak	$29
PilotForms - Win95/NT	$129
Network HotSync	$65
SuperOz Vol 1 CD-Rom	$15
CALL for Full Details	

Palm Pilot Optional Features

Pilot Condoms! - screen protector 12 Pak	$45
Professional Stylus - Black Chrome	$25
Professional Stylus - 24K GOLD	$29
1MB Pro Memory upgrade & CD	$159
2MB Pro Memory upgrade & CD	$259
Slim Leather Carrying Case	$35
Leather Belt Clip Case	$35
Deluxe Leather Carrying Case	$109
HotSync Cable - PC (MAC $29)	$26
Pilot Modem Cable	$26
Spare Cradle PC/MAC (specify)	$40

CD Caddies

High quality, US made CD Caddies, compatible with all major brands Over 1 Million Sold!! $9.50 each

3½" HD Floppies

Top quality, 1.44MB disks, PC format, inc labels. Full Warranty: any fails replaced! $60 Min buy - 100

Timex DataLink 150

Innovative PC compatible personal organiser - cum - wristwatch designed by Timex with software by Microsoft. Wireless data transfer from your PC screen to the DataLink. Directly supported by Schedule+ & Outlook 97 in MS Office. Fully Windows 3.x, Win95 and NT 4.0 support.

Ladies Version Available Also

$249

Snappy Video Snapshot

Perfect Video Stills From Any Source!

Captures an amazing 1500x1125!

NEW PRICE $299

• Oz PAL Version 2.0 • Twain Compliant • All popular graphics formats • All software, cables & docs PLUS 2 FREE CDs inc: Adobe PhotoDeluxe & Kai's Power Goo SE, Gryphon Morph 2.5. Batteries included! • Supports Win 3.1/95/NT • Plug SNAPPY into your Parallel Port & GO!!!

CD Travel Paks

Nylon Carry Cases Tough, *really smart* carry packs; woven strap; excellent slot-'n-stack interior design!
15-CD $14.95, 30-CD $19.95, 60-CD $24.95

$9.95

Leather Look Case (14-CD) Compact, zips up neatly!

CD Storage Units

Smart black plastic box design holds 20 CDs vertical or horizontal

$4.95

$10.95

Neat, black wire TWIN-PACK takes 40 CDs; vertical or horizontal stacking

CD Jewel Cases

Slimline: Double 55c ea* Single 45c ea*

Normal: Single 40c ea*
Chunky: Quad 75c ea*

*Min Buy: 10 units recommended

Jewel Cases in Jewel Colours
Pink, Green, Blue, Purple - 20 Mini Buy 60c ea

★RITRON CLASSIC★

The ideal system for today's power-hungry users...

24 X SPEED CD ROM DRIVE

2.5GIG H.D.D.

32 MEG FAST EDO RAM WOW!

★ **BONUS 7 FREE CD SOFTWARE TITLES:** For Windows 95: Microsoft- Works & Money/ Encarta 97/Golf /CD Sampler / Cinemania 97 /3D Movie Maker /Scenes on disk and Yellow & White Pages on CD-ROM

★ **100 Megabytes FREE** SHAREWARE GAMES

- ★ ***24x-Speed CD-ROM drive***
- ★ ***32 MEG** FAST EDO RAM*
- ★ ***Latest 430 TX M.B.*** (512K MMX Motherboards pipeline cache/ Upgradable to 200Mhz cpu) ***- GIGABYTE M.B. $100 extra***
- ★ ***4 MEG S3 3D Virge Video Card***
- ★ ***15" XGA Digital Mon-***1280 x 1024 0.28mm D.P. Low radiation
- ★ **2.5 Gigabyte HDD**
- ★ **1.44 3.5" F.D.D.**
- ★ **Genuine Microsoft Ergonomic Mouse**
- ★ **Ritron Mouse Pad ★Joystick**
- ★ **Windows 95 104 Keyboard**
- ★ **16-bit Sound Card -SB compatible**
- ★ **Magnetic Shielded Speakers**
- ★ **Windows 95 on CD** (DOS & Windows 3.11 for Workgroup available on request)
- ★ **We install Vet OEM Antivirus software** $99 of bonus value

VIRUS CHECKED BY VET

CPU CHOICES	TAX EX	TAX INC
6x86-200P	$1395	$1575
AMD K6-166	$1495	$1695
AMD K6-200	$1640	$1840
AMD K6-233	$1780	$1990
IBM MMX 166	$1585	$1775
IBM MMX 200	$1715	$1925
Pentium™ 166 MMX	$1645	$1845
Pentium™ 200 MMX	$1795	$1995
Pentium™ 233 MMX	$2095	$2395
Pentium™ Pro 200	$2250	$2590
Pentium™ II 233	$2450	$2720
Pentium™ II 266	$2590	$2900

With AT style motherboard, case and power supply. All Pentium™ motherboards come fitted with 512K Pipeline Cache

100 Hours Free Internet Access From rie.net.au - *When modem & system are purchased together. Conditions Apply. Melbourne only.*

4 YEAR PARTS & LABOUR WARRANTY

★***NOW COMES WITH FREE*** MS Windows 95 CD tutorial

FREE HOME DELIVERY & SETUP- MELBOURNE METRO AREA ONLY

3 HOUR FREE TRAINING COURSE Windows 95 OR Internet Training Classes available

(FIRST 2 YEAR ON-SITE) MELB MET AREA Manufacturer's Warranty apply on monitor.

ADD MORE MEMORY, POWER, AND HDD SPACE TO YOUR SYSTEM

MEMORY

	1-9	10+
1M 30 pin	$14	$12
4M 30 pin	$40	$39
4M 72 pin	$39	$37
4M 72 pin EDO	*$33*	*$29*
8M 72 pin	$61	$59
8M 72 pin EDO	*$53*	*$51*
16M 72 pin	$105	$95
16M 72 pin EDO	*$195*	*$189*
32M 72 pin EDO	*$179*	*$175*
SDRAM:		
16MEG 10NS	$139	$129
32MEG 10NS	$259	$249
64MEG 10NS	$699	$679

HARD DRIVES *Voice Coil IDE HD*

Capacity	Av.Access	Tax Ex.	Tax Inc.
1.27GB	10ms	$195	$239
1.6GB	10ms	$235	$279
2.1GB IDE HD	10ms	$239	$289
2.5GB IDE HD	10ms	$250	$300
3.2GB IDE HD	10ms	$295	$355
4.3GB IDE HD	10ms	$369	$449
5GB IDE HD	10ms	$420	$505
6.4GB IDE HD	10ms	$520	$625
7.0GB IDE HD	10ms	$600	$725

QUANTUM BIG FOOT DRIVES:

Quantum B.F. 4.3GB IDE HD	$379
Quantum B.F. 6.5GB IDE HD	$569

FAST SCSI 3.5" HARD DISK DRIVES SPECIALS

2.1GB SCSI 2 HD	SPECIAL	$340	$409
3.2GB SCSI 2 HD	SPECIAL	$410	$495
4.2GB SCSI 2 HD	SPECIAL	$530	$635
6.4GB SCSI 2 HD	SPECIAL	$750	$899

ALL DRIVES HAVE 3 YEAR WARRANTY

MULTIMEDIA UPGRADE KIT

16x-Speed	$279
20x-Speed	$289
24x-Speed	$299

With easy-to-follow installation instructions. All CD-ROM drives are Kodak PhotoCD® compatible. • 16-bit Sound Card • Stereo Speakers • Software titles: **For Windows 95:** Microsoft- Encarta'97/ Works & Money/Golf/ CD Sampler/ Cinemania 97/ 3D Movie Maker and Scenes on disk. ***ALL NEW!!***

SUPA MOTHERBOARD UPGRADES

SAVE MONEY WITH THESE DEALS!

	CPU	MB	Both Together
6x86-200P *512K TX M.B.*	$139	$165	$289
Pentium 166MHz MMX	*CHEAP!*		$469
Pentium 200MHz MMX	*CHEAP!*		$595
Pentium 233MHz MMX	*NEW!*	...	$995
IBM MMX 166 with TX MB			$395
IBM MMX 200 with TX MB			$595
AMD K6 166 with TX MB			$495
AMD K6 200 with TX MB			$545
AMD K6 233 with TX MB			$749
Pentium Pro 200MHz AT			*$995*
Pentium II 233MHz			*$1395*
Pentium II 266MHz			*$1595*

ALL MOTHERBOARDS COME WITH 512K OF CACHE

CD ROM DRIVES

12X-SPEED	$129
16X-SPEED	$129
20X-SPEED	$139
24X-SPEED	$159
8X-SPEED SCSI	$245
12X-SPEED SCSI	$289

RITRON EXPLORER

POWERED BY INTEL PENTIUM™ 200MHz

24x CD ROM DRIVE

4.0GIG H.D.D.

TAX EX $2395

$2695 TAX INC

- **Genuine Intel® Pentium™ 200MHz MMX CPU**
- **512KB Cache Motherboard**
- **4.0 Gig Western Digital H.D.D.**
- **32MB SDRAM 10NS ultra fast DRAM**
- **24x speed CD ROM Drive**
- **New 4 MEG Diamond Stealth 3D Virge Chipset Card**
- **33.6K bps Internal Modem**
- **15" Digital Monitor** - 1280 x 1024 0.28mm D.P.
- Mini Tower Case & 200W P.S
- Magnetic Shielded Speakers 20 WATT PMPO
- MS Mouse • Mouse Pad • Joystick
- Win 95 104 keyboard
- Genuine SB Vibra 16-bit Sound Card
- **Stylus 400 color printer (1 Year Warranty)** • Printer cable
- Win 95 on CD
- BONUS 7 FREE CD SOFTWARE TITLES; MS Works & Money/ Encarta 97/ Golf/ CD Sampler / 3D Movie Maker, Cinemania 97, MS Scenes on disk & Yellow & White Pages on CD-ROM.
- ***100 MB FREE SHAREWARE GAMES-WOW!***
- FREE MS Win 95 CD tutorial.
- VET anti-virus software installed.

30 DAYS INTERNET ACCESS 100 HOURS FREE INTERNET ACCESS FOR THE FIRST 30 DAYS *Ask for conditions*

PAY ONLY **$2695** **TAX INC**

or *Smartrent it for $25.95 per week over 36 months

If you are considering this system for your business, we have a smarter way! Simply *SmartRent it for **$25.95** per week over 36 months & get 100% tax deductiblility*. TAP.

*(*Conditions apply) This is a rental plan, NOT finance plan.*

4 YEAR PARTS & LABOUR WARRANTY (FIRST 2 YEARS ON-SITE) MELB METRO AREA

FREE HOME DELIVERY & SETUP- MELBOURNE METRO AREA ONLY

3 HOURS FREE INTERNET TRAINING COURSE & WINDOWS 95 COURSE IN OUR VERMONT OR CITY CLASSROOM

EYESTAR COLOUR CCD CAMERA

ALL NEW!

AMAZING 640 X 480 RESOLUTION IN 24-BIT TRUE COLOURS!

$199

Use this incredibly sharp colour CCD Camera to meet people over the Internet or to take happy snaps, etc- let your imagination run wild! Ideal for • Internet Video Conferencing • Image Capture • Add pictures to your e-mail and more! ***Bundled with a value-packed CD-ROM which includes: • Internet Phone Video Conferencing software • Image Processing software • TWAIN driver***

IOMEGA ZIP DRIVE

THE AFFORDABLE PERSONAL STORAGE SOLUTION

• 100MB Zip disks hold all your stuff • Are inexpensive, reliable and ready to help you get organized • Use as many disks as you need

Av Seek Time: 29msec

Available for IBM and Mac

Parallel Port version only C11900 **$239**

100MB ZIP DISK C11904 1+ $24.95 10+ $23.00

IDE INTERNAL IOMEGA ZIP 100

Now Available!

Comes complete with Windows/DOS installation disk and one zip disk with zip tools software! C11901

$199

MODEM SALE

33.6K bps Internal	$119
33.6K bps External	$139
33.6K bps Int. Voice/Fax modem	$139
33.6K bps Ext. Voice/Fax modem	$149

All Modems Austel approved

50 hours FREE Internet access when you purchase your modem from us! (Ask for Conditions)

BLANK CD-ROM DISKS

PRODUCE YOUR OWN CDs!

		1-9	10+	100+
C11958	**TRAXDATA GOLD**	$5.25	$4.95	$4.50
C11909	**VERBATIM**	$6.00	$5.50	$4.75
C11961	**KODAK GOLD**	$6.50	$5.90	$4.95

Microsoft Office 97

ALL BRAND NEW!

- **MS PowerPoint 97**
- **MS Outlook 97** • **MS Excel 97**
- **MS Access 97** • **MS World 97**

***PLUS* 50 hours FREE Internet Access** - (Conditions Apply)

• **Full Version**	$685
• **Professional Upgrade**	$449
• **Standard Upgrade**	$349

**MS Access is not included in the Standard Upgrade version*

REWRITABLE CD-RECORDER

6X Reading Speed, 2X speed Writing

$1099

Rewrite up to 1,000 times on the same CD-ROM disk like a normal floppy media! Includes 4 blank CD-R (write-once) discs & 1 CD-RW (Rewritable) disc

CD-RW BLANK DISC...$59

USRobotics Sportster Flash

56.6Kbps External Fax Modem

with personal voice mail and hands free telephone capability Sportster Flash provides you with a complete communication device for your home or office.

$279 X19076

RIE ROD IRVING ELECTRONICS PTY LTD

ESTABLISHED SINCE 1977. 100% AUSTRALIAN OWNED A.C.N. 005 428 437

HEAD OFFICE: 56 Renver Rd Clayton, Victoria, 3168 Ph: **(03) 9543 7877**

NORTHCOTE: 423 High St. Ph: **(03) 9489 8866** Fax:(03) 9489 8131

VERMONT: 190 Rooks Rd. Ph: **(03) 9874 8888** Fax:(03) 9874 2288

BLUESTAR COMPUTERS: RINGWOOD 271 Maroondah Hwy. **Ph: (03) 9870 1800** Fax:(03) 9879 3027

TRADING HOURS: Mon/Fri 9am - 5.30pm.Sat 9am - 1pm

MELB CITY STORE: 48 A'Beckett St. City. Ph:**(03) 9663 6151.** Fax (03) 9639 1641 *Open 9am-8pm on Fridays.*

BOX HILL: 1031 Maroondah Hwy. Ph: **(03) 9899 6033** Fax:(03) 9899 0156 *Open 9am-3pm on Saturdays.*

OAKLEIGH: 240C Huntingdale Rd. Ph: **(03) 9562 8939** Fax:(03) 9562 8940

SPRINGVALE NORTH 899 Springvale Rd, **Ph.(03) 9574 6699** Fax.(03) 9574 6633

ADELAIDE: 241 Wright St. **Ph: (08) 8211 7200** Fax:(08) 82117273

SYDNEY: 74 Parramatta Rd, Stanmore. **Ph: (02) 9519 3888** Fax:(02) 9516 5024

MAIL ORDER: Ph:**(03) 9543 7877** Fax:(03) 9543 8295

Tax Exempt sales:

RITRONICS WHOLESALE Ph.**(03) 9543 2166** Fax.(03)9543 2648

RIE BULLETIN BOARD Ph: (03) 9562 7877 For Specials, info & Shareware

World Wide Web Site: http://www.rie.net.au

E-MAIL: rie@rie.net.au

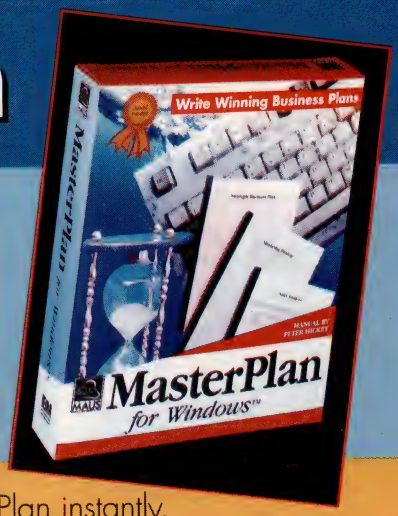
Mail Order Hotline 1-800 33 5757

Serving Australia-wide

ERRORS & OMISSIONS EXCEPTED. PRICING CHANGE WITHOUT NOTICE.

MAGA1097

Save 50-90% of the time to prepare a Business Plan

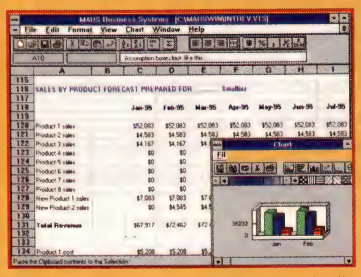


...Key Benefits

- Creates complete Business Plans
- Simple Question & Answer format
- Creates complete set of Financials

MasterPlan is designed for people who need a Business Plan instantly. Its simple language reinforces its userfriendliness, explaining every process. A step-by-step question and answer format enables you to construct full financials, text and graphics at the mere click of a mouse button. **MAUS** will also easily instruct you how to analyse and develop your business.

"The strategy program will help you write the text of your plan"



"The financial program will automatically calculate all your budgets & graphs"

Software from $129

Business Planning Breakthrough

The software's comprehensive workbook is Australian written and tested, being widely used in tertiary educational institutions and training courses. Topics include Sales Analysis, Market Analysis, Benefit Analysis, SWOT Analysis, Marketing Plan, Financial Plan, and much more. It has been designed for maximum ease of use.

Awards Finalist
Channel 9 Small Business Show

The free Windows Spreadsheet program lets you type in your key expense and sales assumptions in the financial program, instantly updating all your budgets, cash flow and forecasts, complete with graphs.

Set up a Business Planning Consultancy

Ask about the "Consultant's Guide to Business Planning"- the software package that gives you the forms and tools to establish a Business Planning Consultancy overnight.

"They laughed when I told them I doubled my business in '97"

MAUS

MAUS Business Systems
Suite 2, 273 Alfred St., North Sydney
NSW 2060 Australia
Telephone: 61 2 9957 3827
Facsimile: 61 2 9925 0257
Internet: www.maus.com.au
Email: maus@maus.com.au

7 DAY PURCHASE TRIAL AVAILABLE
PHONE FAX OR MAIL THIS COUPON FOR A FREE INFORMATION KIT

Name _____

Company _____

Address _____

_____ State _____ Postcode _____

Phone _____ Fax _____

PCU

Taking the stress out of MATHS and SCIENCE

Are you worried about years 11 and 12?

Suddenly there is much more to learn than ever before and your future depends on your performance in school.

One of the big changes is that exams cover a whole semester or year of work. This means developing new study skills and also identifying what you need to learn.

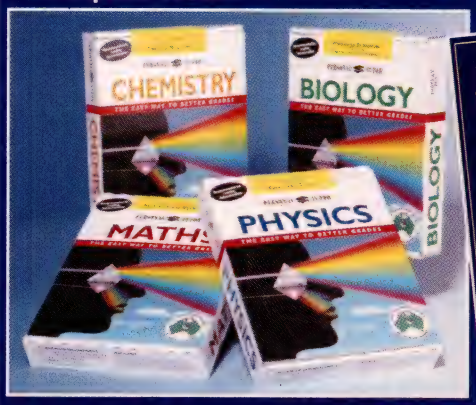
"Personal Tutor" courses are especially written to help Australian students cope with year 11 and 12. Each package relates to an entire 1 or 2 year course of study in Maths, Biology, Chemistry and Physics.

The programs can be used throughout the year, to reinforce class-work, or can be used as a revision tool before major exams.

Working on Personal Tutor, not only helps you to understand what you are doing but has revision features that help to absorb and retain the work in long-term memory.

Personal Tutor even identifies your knowledge gaps and designs a revision program especially to fit your needs.

Although Personal Tutor is designed for home use, without teacher support, the software is now becoming well established in school computer rooms.



Australian Made for Australian Students.

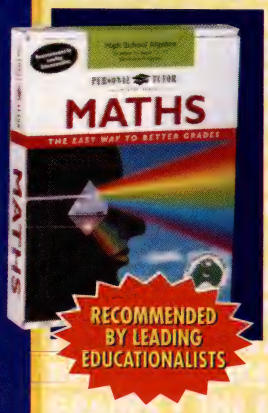
Complete courses written to syllabus.

Help with home study whenever you need it.

Available from computer stores and bookshops.

Interactive tuition software.

BEATING THE MATHS BOGEY



Can you help your kid with maths? If you can't or you don't have the time or patience, the solution to your problems could be the Personal Tutor High School Maths program (suitable for ages 12-17).

This is a unique interactive tuition software on Windows and especially written to teach Australian High School students what they need to know about maths.

Personal Tutor High School Maths is an extensive course which develops mathematical skills throughout the high school years. This is a complete teaching system - no extra help is needed.

The program concentrates on problem solving with a lot of help. You are taught course material through an interactive process of short teaching screens linked with questions.

There are simple explanations, clear diagrams and highlighted formulae.

Every question comes with a lot of help and each problem has a step-by-step solution in case of difficulty. You can take as many steps as you need - just like a having a home tutor to help you.

The program also features easy-to-use exam preparation and a personalised revision program.

Personal Tutor High School Maths costs $275 (less than $2 per lesson) and runs on any IBM (386 or higher) compatible computer using windows 3.1 or higher.

PERSONAL TUTOR

BY MEMORY BANKS

THE EASY WAY TO BETTER GRADES

Phone now for your FREE catalogue and demo disk

Freecall 1800 622 657 (1800 MBANKS) or fax: 03 9770 1402

Memory Banks Pty. Ltd. PO Box 1153, Frankston VIC 3199

NO SPECIALS - NO SALES
JUST EVERYDAY LOW PRICES

MS OFFICE 97 FROM $339.95!*

MS OFFICE 97 STD U/G	$ 339.95
MS OFFICE 97 PRO U/G	$ 429.95
MS OFFICE 97 PRO U/G INC INTELLIMOUSE	$ 439.95
MS OFFICE 97 VALUE PACK	$ 499.95
MS OFFICE 97 DEVELOPER U/G	$ 699.95

ADD $10 FOR HARVARD GRAPHICS TO LEGALLY UPGRADE FROM!

MS PUBLISHER 97 CD JUST $89.95!

UPGRADE FOR $79.95!

MICROSOFT PRODUCTIVITY

MS OFFICE 4.2 3.5 C/G	$ 359.95
MS OFFICE 4.3 3.5 C/G	$ 459.95
MS ACCESS 97 U/G	$ 149.95
MS DEADLY TIDES	$ 19.95
MS EXCEL 97 C/G	$ 149.95
MS FRONT PAGE 97 U/G	$ 79.95
MS FRONTPAGE 97	$ 149.95
MS GEX	$ 19.95
MS GOOSEBUMPS	$ 49.95
MS HELLBENDER	$ 19.95
MS HOME ESSENTIALS	$ 149.95
MS MONEY 97	$ 49.95
MS NBA FULL COURT PRESS	$ 19.95
MS OUTLOOK 97 CD FULL	$ 149.95
MS POWERPOINT 97 U/G	$ 149.95
MS PROJECT 95	$ 689.95
MS SOCCER	$ 19.95
MS VISUAL BASIC 5 U/G	$ 339.95
MS VISUAL BASIC 5 FULL	$ 649.95
MS VISUAL C++ 5 U/G	$ 339.95
MS VISUAL C++ PRO 5 FULL	$ 649.95
MS VISUAL INTERDEV	$ 669.95
MS VISUAL J++ 1.1 FULL	$ 119.95
MS VISUAL STUDIO PRO 97 U/G	$ 679.95
MS WINDOWS 95 CD U/G	$ 139.95
MS WINDOWS 95 3.5" FULL	$ 279.95
MS WORKS 95	$ 49.95

WINDOWS NT 4

NT 4 SERVER U/G + 5 CALs	$ 549.95
NT 4 SERVER U/G + 10 CALs	$ 729.95
NT 4 SERVER + 5 CALs	$1099.95
NT 4 SERVER + 10 CALs*	$1349.95
NT 4 WORKSTATION FULL	$ 399.95
NT 4 WORKSTATION U/G	$ 199.95
NT 4 RESOURCE KIT WKSTN	$ 89.95
NT 4 RESOURCE KIT SVR	$ 179.95
WINDOWS 95 RESOURCE KIT	$ 79.95

FREE GUIDE
THE COMPLETE CONFIGURATION GUIDE TO ALL MICROSOFT'S SERVER SOLUTIONS.
WHERE DO YOU WANT TO GO TODAY?
CALL (03) 9639-2444
Microsoft

UTILITIES

ADAPTEC CD CREATOR 3	$129.95
CHECKIT PRO 4	$169.95
CLEAN SWEEP 3	$ 59.95
DOUBLE ZIP	$ 49.95
DRIVE COPY	$ 49.95
EASY CD PRO 95	$369.95
FAST MOVE	$ 99.95
FIRST AID 97	$ 64.95
FIRST AID 97 DELUXE	$ 79.95
MAGNARAM 97	$ 59.95
MODEM WIZARD	$ 49.95
NORTON UTILITIES 2.0 95	$109.95
NORTON ANTI-VIRUS GOLD 2.0	$ 85.00
OIL CHANGE	$ 49.95
PARTITION MAGIC 3.0	$ 99.95
QEMM 97	$ 99.95
RAMGATE 4.1	$ 69.95
SEAGATE BACKUP EXEC	$109.95
SYSTEM COMMANDER	$ 99.95
UNINSTALLER 4.5	$ 59.95
VET ANTI-VIRUS	$ 89.95

ESSENTIAL UTILITIES 97

GET THE MOST FROM YOUR PC EVERY DAY JUST $79.95!

ACCOUNTING SPECIALS

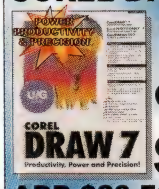
MYOB 7	$329.95
MYOB 7 WITH PAYROLL	$499.95
MYOB FIRST ACCOUNTS	$179.95
QUICKEN 6	$ 69.95
QUICKEN DELUXE/BUSINESS 6	$ 85.00
QUICKPAYROLL PRO 3.0	$339.95
QUICKPAYROLL PRO 3.0 U/G	$149.95
QUICKBOOKS 5	$349.95
QUICKBOOKS 5 U/G	$149.95
QUICKBOOKS 5 PRO	$429.95
QUICKBOOKS 5 PRO U/G	$199.95
QUICKBOOKS 5 + PAYROLL	$429.95
QUICKBOOKS 5 PRO + PAYROLL	$499.95
QUICK TAX	$ 49.95

ART AND PAINT PACKAGES

ADOBE ACROBAT 3	$ 249.95
ADOBE DIMENSIONS	$ 249.95
ADOBE ILLUSTRATOR 7.0	$ 689.95
ADOBE PAGEMAKER 6.5	$ 889.95
ADOBE PHOTOSHOP 4.0	$ 949.95
ADOBE PHOTOSHOP 4.0 U/G	$ 299.95
COREL VENTURA 7 U/G	$ 349.95
COREL XARA	$ 149.95
FRACTAL DETAILER S/G	$ 149.95
FRACTAL PAINTER 5	$ 429.95
FRACTAL POSER 2 S/G	$ 149.95
FRATAL RAYDREAM DESIGNER	$ 139.95
PAINTSHOP PRO 4	$ 99.95

*CONDITIONS APPLY

COREL DRAW 7.0 U/G



$100 CASH BACK JUST $349.95!

ADD $20 FOR COREL 4 TO UPGRADE FROM

COMMUNICATIONS

COMMS UTILITIES

ADOBE PAGEMILL 2	$159.95
ARTISOFT COSEESION REMOTE 7	$ 79.95
ARTISOFT MODEM SHARE 7	$139.95
ARTISOFT I.SHARE 2.5	$119.95
ARTISOFT XTRA MAIL 95	$329.95
EUDORA PRO 3	$ 99.95
LOTUS WEBLICATOR	$ 39.95
MICROGRAPHICS WEBTRICITY	$189.95
NETSCAPE COMMUNICATOR	$ 89.95
PROCOMM PLUS 95	$179.95

MODEMS

BANKSIA WAVE MODEM	$239.95
DYNALINK 33.6 EXT *	$169.95
DYNALINK 33.6 INT *	$139.95
HAYES ACCURA 33.6	$199.95
NETCOMM SVD ULTRA 33.6	$219.95

Free Upgrade to 56Kbps USRobotics
TECHNOLOGY WWW.USR.COM.AU

US ROBOTICS	
- SPORTSER FLASH 56K EXT	$249.95
- SPORTSER FLASH 56K INT	$229.95
- COURIER	$399.95
- WORLD PORT	$369.95

USRobotics — AUSTEL APPROVED FOR AUSTRALIAN CONDITIONS — FIVE YEAR WARRANTY

WINFAX PRO 8

HASSLE FREE FAXING ON THE ROAD, AT HOME OR FROM THE OFFICE JUST $119.95!
ACADEMIC $79.95

ACADEMIC

ADOBE ACROBAT	$ 89.95
ADOBE ILLUSTRATOR 7	$269.95
ADOBE PAGEMAKER 6.5	$299.95
ADOBE PREMIER 4.2	$429.95
ADOBE PHOTOSHOP 4	$395.95
BORLAND J++ BUILDER PRO	$329.95
COREL WORDPERFECT 8	$ 49.95
MS FRONTPAGE 97	$ 89.95
MS VISUAL BASIC 5 PRO	$119.95
MS WINDOWS 95 FULL	$189.95
MS WINDOWS NT 4 WKSTN	$169.95
NORTON UTILITIES 2 95	$ 75.00
NORTON ANTI-VIRUS GOLD	$ 59.95

HARDWARE

IOMEGA ZIP/JAZ DRIVES

ZIP DRIVE (100MB)	$249.95
JAZ DRIVE (1GB) INT	$549.95
JAZ DRIVE (1GB) EXT	$699.95
IOMEGA JAZ CART 3 PACK	$449.95
IOMEGA ZIP CART x 1	$ 23.95
IOMEGA ZIP CART x 10	$239.95
DELUXE ZIP CARY CASE	$ 59.95
ZIP MEDIA WALLET	$ 49.95

IOMEGA FOR ALL YOUR STUFF

GAMES

ATOMIC BOMBERMAN	$ 69.95
BETRAYAL AT ANTARA	$ 69.95
CARMAGEDDON	$ 69.95
CIVILIZATION II	$ 49.95
CURSE OF MONKEY ISLAND	$ CALL
DARK FORCES II	$ CALL
DARK REIGN	$ CALL
DUNGEON KEEPER	$ 79.95
HEXEN II	$ CALL
iM1A2 ABRHAMS TANK	$ 69.95
LINKS 98	$ 69.95
MDK	$ 49.95
MEAT PUPPET	$ 59.95
MS CLOSE COMBAT II	$ CALL
MS AGE OF EMPIRES	$ CALL
OUTLAWS	$ 69.95
SENTIENT	$ 69.95
STAR CRAFT	$ CALL
STAR FLEET ACADEMY	$ CALL
TITANIC	$ 69.95
TWINSENS ODESSY (LBA2)	$ 79.95
WARLORDS III	$ 69.95
WIPEOUT 2097	$ 79.95
X WING VS TIE FIGHTER	$ 69.95
X-COM III - APOCALYPSE	$ 69.95

MS SIDEWINDER 3D PRO

8 BUTTONS, THROTTLE, MINI HAT, TWIST FUNCTION & MS HELLBENDER GAME! JUST $69.95

MS SIDEWINDER GAMEPAD $59.95!

FREE NEXT DAY DELIVERY!*

RING OUR MAIL ORDER HOTLINE ON 03 9639-2444 FOR IMMEDIATE ATTENTION OPEN FOR SERVICE 7 DAYS A WEEK

MELBOURNE STORE & MAIL ORDER CENTRE
03 9639 2444
398 Elizabeth St
Melbourne VIC 3000
FAX: 03 9639 3144
EMAIL: swtcity@ocean.com.au

KNOX CITY SHOPPING CENTRE
03 9801 9900
Shop 1090 Knox City
Wantirna VIC 3152
FAX: 03 9887 0161
swtoday@ocean.com.au

Software TODAY

*Call city store for prompt service. Free same day freight applies for all orders over $200. Otherwise add $5 delivery for Melbourne Metro or $10 for elsewhere. For sameday delivery, please order by 12:00 noon. For next day service to other areas, please order by 5:00pm. Government/corporate orders and most credit cards accepted. Dealer enquires welcome. No rainchecks on specials. E & OE.

Dragon NaturallySpeaking™

Now You're Talking!

TRUE CONTINUOUS SPEECH. SPEAK TO YOUR COMPUTER NATURALLY, YOUR WORDS SWIFTLY APPEARING ON YOUR COMPUTER SCREEN!

Dragon NaturallySpeaking Winner of BYTE Magazine's *"Best of COMDEX/SPRING '97"* and Best Applications and Utilities Software

Speaking is the Natural Alternative

It's simple. Just speak to your computer naturally - without pausing between words - and watch as sentences appear on your screen. Dictate entire paragraphs at a time. Compose e-mail messages, create reports, draft letters, and edit proposals just by speaking. You'll find Dragon NaturallySpeaking can be faster and more natural than typing.

Suited for Everyone

Dragon NaturallySpeaking is the natural way to input text.

Business Executives and all their staff quickly create e-mail and confidential correspondence from start to finish, without relying on others.

Lawyers reduce turnaround time and support costs by eliminating the "dictate-transcribe-revise-approve" cycle.

Doctors instantly create accurate and legible records without transcription costs, errors and delays.

Designers keep their eyes and concentration on their work as they enter commands without lifting their hands off the system mouse.

Writers, Programmers, and other keyboard-intensive users reduce the risk of injury from repetitive keyboard and mouse actions.

Highly Accurate

Dragon NaturallySpeaking is the most accurate general purpose dictation product ever produced by Dragon Systems. With regular use, 95% accuracy can be achieved. Dialects, accents and individual pronunciations are learned quickly and automatically.

Large Vocabulary

All of the words most people use everyday are immediately recognized. The 30,000 word active vocabulary contains words and names that cover a wide range of subjects. Less common words can be quickly retrieved from the 200,000+ word back-up dictionary. New words can be added simply by saying them and spelling them once or by using the Vocabulary Builder tool.

System Requirements

Minimum 133MHz Pentium Processor IBM Compatible PC with 32MB RAM (Faster with MMX)

DragonDictate Voice Systems **Australia Wide Sales and Support**

Email: sales@dragondictate.com.au http://www.dragondictate.com.au

L3/456 St Kilda Road	L3/379 Pitt Street	L12/141 Queen Street	L4/45 King William Street
Melbourne Vic. 3004	Sydney NSW 2000	Brisbane Qld. 4000	Adelaide SA 4000
Tel: 03 9866 5733	**Tel: 02 9264 4055**	**Tel: 07 3236 5944**	**Tel: 08 8212 2662**
Fax: 03 9820 1872	Fax: 02 9264 4115	Fax: 07 3236 5988	Fax: 08 8212 2882

MicroGram Computers

Hi- Scan Bar Code Readers

High resolution CCD scanners which feature multi-interface communication with RS-232C, Wand and Keyboard Emulation in one unit. Simply release the RJ-45 jack to change cables! Offering optical performance with a minimum resolution of 0.125 mm and maximum reading distance of 20 mm it is possible to read high-density, laminated & acrylic-covered bar codes. A built-in decoder automatically discriminates most bar code symbologies .

Cat. No. 8458 **Hi Scan Bar Code Reader KB Wedge** $699

Also available, *Long Range* CCD bar code scanners which offer variable width and depth of field.

Cat. No. 8489 **CCD Bar Code Scanner Long Range KB** $439

As well as our standard range.

Cat. No.8196 **CCD Bar Code Scanner KB Wedge 80mm** $399

Barcode Label Software for Windows

Design and print a wide variety of barcode labels and similiar products, such as Rolodex cards, in B & W and colour. Create and import dBASE III/IV compatible files, import ASCII-delimited and DIF files as well as sort up to 3 levels of data.

Cat. No. 70161 **Bar Code Program for Windows** $550

A Postscript & True Type bar code font package for Windows is also available.

Cat. No. 70316 **Bar Code Fonts for Windows** $350

SIMM RAM Tester

Quickly identify the size & configuration of memory as well as identifying true or fake parity. This RAM tester incorporates a microprocessor and a programmable delay line to auto test & display information. SIMM size may be 64K to 16Mb in 30-pin format, or 1Mb to 32Mb in 72-pin format. The test speed can be adjusted from 40-120 ns with a resolution of 1ns.

Cat. No.3174 **RAM Tester** $1499

VGA Monitor & Keyboard Switch

Share one keyboard and one monitor with 4 computers or 4 devices with one computer! A four way manual switch box that will switch both keyboards and VGA monitors from the one switch. Also available, a model which switches the serial port for the mouse as well.

Cat. No. 12031 **VGA Monitor & KB Switch 4 Way** $87

Cat. No. 12041 **VGA Monitor/KB/Serial Switch 4 Way** $99

Citizen POS Printers

Citizen provides a range of 40 column dot matrix printers and cash drawers. The IDP3530 has a built-in interface to trigger one cash drawer. IDP3540 Serial & Parallel printers have 7K bytes input buffer & will control 2 cash drawers. IDP3541 Serial printer offers an autocutter that can be programmed for partial/full cut.

Cat. No. 5064	**Citizen IDP3530 Parallel Printer**	$525
Cat. No. 5065	**Citizen IDP3530 Serial Printer**	$550
Cat. No. 5284	**Citizen IDP3540 Parallel Printer**	$560
Cat. No. 5285	**Citizen IDP3540 Serial Printer**	$620
Cat. No. 5067	**Citizen IDP3541 Serial Printer**	$745
Cat. No. 5066	**Citizen IDP3541 Parallel Printer**	$715

8 EIDE Device Card

This card supports up to 8 EIDE devices in a single slot. It has an on-board intelligent ROM BIOS that configures all drives automatically without need of additional software drivers. Other features include:-

- Provides 8 selectable I/O port addresses & IRQ's
- Supports DOS, Windows, Win 95, Windows NT, UNIX, SCO UNIX, Novell Netware 2.x,3.x,4.x, OS/2 2.0, Warp.

Cat. No. 2320 **ISA Quad-Channel EIDE Card** $199

Avoid slowing down your hard drive access speed by putting your CD ROM on a separate controller.

Cat. No. 6385 **CD ROM IDE ISA Controller Card** $29

Multi-Network Cable Tester Pro

This Plug and Play advanced design cable tester will test both 10Base-T (Category 3-5) and 10Base-2 (Coax) cable within seconds. It runs all tests automatically and LED's indicate the results. It will test cable continuity, open pairs, shorted pairs, crossed pairs or reversed pairs.

Cat. No. 11515 **Multi-Network Cable Tester Pro** $259

Printer Sharers - Bi-directional

Control the printer remotely without leaving your computer! Unlike virtual Bi-Tronic auto switches, this switch simultaneously communicates to both computers. It features IEEE-1284 and Centronics autodetection and is HP LaserJet, DeskJet compatible.

Cat. No. 12042 **Switch Box Parallel Bi-directional 2 to 1** $99

Cat. No. 12043 **Switch Box Parallel Bi-directional 4 to 1** $165

We also carry the standard printer switch boxes

Cat. No. 12013 **Switch Box Parallel 2 to 1 Auto** $26

Cat. No. 12014 **Switch Box Parallel 4 to 1 Auto** $51

Universal Numeric Keypads

Simply connect via keyboard or serial port. Features include:

- Compact size and easy installation
- Ideal for either left handed or right handed operation
- Specialized & user defined function keys

Keyboard Connection

Cat. No. 8319	**22 Key (18 Key + 4 Fn Key)**	$132
Cat. No. 8169	**31 Key**	$132
Cat. No. 8353	**35 Key**	$175

Serial Connection

Cat. No. 8095	**32 Key Numeric Keypad**	$147
Cat. No. 8107	**22 Key Numeric Keypad**	$132

Also available are a 26 key calculator keypad with LCD display and an 18 key keypad keyboard wedge model.

Cat. No. 8486	**Calculator - keypad**	$149
Cat. No. 8487	**KB Wedge 18-key Keypad**	$129

Removable Hard Drive Kits

Consists of a 5.25" mounting rack & a removable tray for 3.5" hard drives. A key-lock prevents inadvertent or unauthorised removal. Applications include:

- securing confidential data in a safe overnight
- providing off-site backups
- easy interchange of OS (eg DOS to Windows NT) by simply replacing drives

Cat. No. 6049	**IDE Kit**	$111
Cat. No. 6048	**SCSI Kit**	$121
Cat. No. 6200 / 6224	**IDE Tray / Frame Only**	$70
Cat. No. 6201 / 6225	**SCSI Tray / Frame Only**	$76
Cat. No. 6327	**SCSI Fast Wide**	$169

External CD-ROM Drive - Parallel Port

An external IDE Bus CD ROM 20x speed drive & case which connects to any parallel port. It includes built-in power supply, pass-through printer port and MS-DOS/Windows 3.1x, Win 95 & OS/2 Warp drivers. Achieve data transfer rates up to 960 KB/sec with an EPP (Enhanced Parallel Port). It can be connected to LPT1, 2 or 3 & has external audio connectors. Daisy chain up to 2 drives plus printer.

Cat. No. 6332	CD ROM Parallel Port 20x Speed & Case	$349
Cat. No. 6319	Ext. Case for Parallel Port CD-ROM Drive	$199

E & OE All prices include sales tax **MICROGRAM 1097**

Come and visit our online catalogue & shop at www.mgram.com.au

Phone: (02) 4389 8444 sales@mgram.com.au info@mgram.com.au Fax: (02) 4389 8388

Dealer Enquiries Welcome

Australia-Wide Express Courier (To 3kg) $10

We welcome Bankcard Mastercard VISA Amex

Unit 1, 14 Bon Mace Close, Berkeley Vale NSW 2261

FreeFax 1 800 625 777 Vamtest Pty Ltd trading as MicroGram Computers ACN 003 062 100 FreeFax 1 800 625 777

PC User Showcase

CLASSIFIEDS

A GUIDE TO PRODUCTS AND SERVICES

Software & Hardware Relations

Computer Maintenance and Repairs
A.C.N. 075602078

IPC P5
IPC P5e
Notebook
Specialists!!

shop 4 Globe Arcade, Dean St, Albury

Ph: 060 23 1108
Fax: 060 23 1109

Email: shr@dragnet.com.au
http://www.dragnet.com.au/~shr/

Pick-up and Delivery Australia wide!!

SINGULARITY SYSTEMS

PC Upgrades
Consulting
Networking
Internet

0411 - 726 - 429

Computer Technology Consulting

BULK INKJET REFILL KITS

NEW IMPROVED KIT!

Reduce Inkjet Printing Costs by at least 80%

SAVE

The highest quality inks to protect the life and performance of your printer!

BLACK REFILL KITS FROM ONLY- $29.90

BLACK KITS INCLUDE SUPERIOR, DENSE & SHARP BLACK INK!!

DESCRIPTION	No. of Fills	Code
CANON BJ-30	60	20-BKL
CANON BJC-70	80	21-BKL
CANON BC-01/02 BJ-10E/20/BJ-200/BJC-210	7	3-BKL
CANON BJ-300/ 330	7	4-BKL
CANON BJC-600/610/620	15	5-BKL
CANON BJC-4000/4100/4200/4550 BCI-21	50	19-BKL
CANON BJC-4000/4100/4200/4550 BC-20	8	18-BKL
HP Desk Jet 400/500/600C/660C/690C	7	8-BKL
HP Desk Jet 850C/855C/870C Series	6	29-BKL
HP Deskjet/Deskwriter Portable/300 Series	8	7-BKL
EPSON Stylus 400/800/800+/1000	8	1-BKL
EPSON Stylus Colour /PRO/XL	8	2-BKL
EPSON Stylus 820/colour II/IIs	12	23-BKL
EPSON Stylus Colour 200/400/500/600/800	12	33-BKL
IBM/LEXMARK 4076/1020	6	35-BKL

BUY 3 KITS AND GET 1 FREE

COLOUR REFILL KITS FROM ONLY- $39.90

COLOUR KITS INCLUDE CYAN, YELLOW & MAGENTA INKS!!

DESCRIPTION	No. of Fills	Code
CANON BJC-70	3x60	22-CLR
CANON BJC-210	3x12	25-CLR
CANON BJC-600/610/620	3x8	10-CLR
CANON BJC-4000/4100/4200/4550 BCI-21	3x30	17-CLR
HP Colour Desk Jet 300/400/500/600C/660C/690C Series	3x12	14-CLR
HP Desk Jet 850C/855C/870C Series	3x6	30-CLR
EPSON Stylus Colour /PRO/XL	3x6	16-CLR
EPSON Stylus 820/colour II/IIs	3x12	24-CLR
EPSON Stylus Colour 200/400/500/600/800	3x12	34-CLR
IBM/LEXMARK 4076/1020	3x6	36-CLR

SAVES THE PLANET

SAVES YOU MONEY

FREE AUSTRALIA WIDE DELIVERY

JUST ARRIVED.....
BRAND NEW!!
CANON & EPSON
BLACK & COLOUR
PHOTO & NEON INKS!!
SATISFACTION GUARANTEED.

THE INKJET EXPERTS!

Manufacturers & Importers.... Buy Direct & SAVE!!

FREECALL OUR FRIENDLY STAFF!

1800 680 605

PH - (07) 3245 2411 FAX - (07) 3245 2755

100% AUSTRALIAN OWNED AND PROUD OF IT!

NEW REALITY RESOURCES PTY LTD
Shop 1 / 72 Redland Bay Road Capalaba QLD 4157

FREE AUSTRALIA WIDE DELIVERY! SAME DAY DISPATCH!!
COD * MONEY ORDER * CHEQUE * MASTER * VISA * BANKCARD ACCEPTED

STUDENTS, TEACHERS & SCHOOLS

We Won't Be Beaten on Price!

Adobe PageMaker 6.5	$314.95
Adobe PageMill 2.0	$84.95
Lotus Smartsuite 97	$89.95
MS Office Developer Edition 97	$279.00
MS Visual Basic Pro 5.0	$114.95
MS Windows 95 Upgrade	$114.95
Norton AntiVirus	$54.95
Turbo Pascal 7.0	$84.95
WinFax Pro 8.0	$78.95
Where in World Carmen Sandiego	$64.95
World Book Encyclopedia	$79.95

Phone for a Free Catalogue

FreeCall 1800 655 887

SOFTWARE TIME

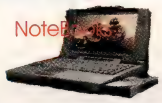
On line Quotation

Connect to www.cydex.com.au for the lastest prices

2 Years Parts & 5 Years Labour Warranty for Systems

Pentium 166MMX System $2450 — Your Own Configurations are Welcome! — Pentium II 266 System $3569

Build your own System on www.cydex.com.au



Please Call For More Toshiba, Acer & Texas Instruments Notebooks

- US made Supermicro Intel Trinten M/B
- 32MB RAM
- Quantum Fireball ST Ultra ATA 2.1 GB HDD
- Matrox Mystique 220 4MB SQRAM 3D Video
- AcerView 17" 76c .27 1280x1024 monitor
- 24X CDROM
- SoundBlaster AWE 64 Sound card
- Panasonic 1.44 FDD
- 104 Keyboard * Mouse
- 480 Watt Surround Sound Speakers

Pentium 120, 1GB Hard Disk 11.3" COLOR, 16mb EDO RAM.1.44FDD 10XCDROM, Sound.WIN95, 3yrs Warranty

From : $2580

CPU & MEMORY & M/B

8MB 72pin EDO RAM	$50
16MB 72pin EDO RAM	$90
32MB 72pin EDO RAM	$175
Sdram 16Mb168pin DIMM	$118
Sdram 32Mb 168pin DIMM	$200
Intel PT166 CPU Genuine	$215
Intel PT200 CPU Genuine	$245
Intel PT166 MMX Genuine	$275
Intel PT200MMX Genuine	$435
Intel PT233MMX Genuine	$640
Intel Pentium II 200	$965
Intel Pentium II 233	$1180
AMD K6 200mmx	$400
AMD K6 233mmx	$500
Us Made SuperMicro M/B	$Call
ASUS MotherBoard M/B	$Call
Acer Aopen M/B	$Call

SuperMicro Asus Aopen

Modems (1 month Internet Free *)

Netcomm InPlus 33.6 SVD Voice(oem)	$145
Netcomm Roadster Ultra SVD 33.6	**$180**
Netcomm Roadster Ultra SVD 56K	$240
Netcomm Memory Modem 33.6	$425
Netcomm PCMCIA Card Modem 33.6	$320
Netcomm CardModem & Ethernet	$540
Banksia Wave SP Spkphone 33.6	$235
Banksia Wave SP Spkphone 56K	$299

*All Modems with One month Internet Access with FastMail in Sydney (02) only..

Hard Disk &CDrom

Quantum 2.1GB FB ST	$285
Quantum 3.2GB FB ST	**$350**
Quantum 3.8GB FB TM	$395
Quantum 4.3 GB FB ST	$410
Quantum 6.4 GB FB ST	$570
Quantum SCSI Hard Disk	$call
IBM 2.1GB Ultra Wide SCSI	$510
IBM 4.3GB Ultra Wide SCSI	$750
20 Speed CDROM	$135
24 Speed CDROM IDE	$155
Panasonic CD writer 4R/2W	$470
Pioneer DVD Drive 11.1mb/s	$485
Samsung DVD Kit / Mpeg2	$999
Adaptec SCSI Card	$Call

Printer & Scanner

HEWLETT PACKARD EPSON Canon

Canon BubleJet BJC210	$225
Canon BubleJet BJC4200	**$345**
Canon BubleJet BJC 620 720x720	$575
HP DeskJet DJ400	$245
HP LaserJet 6L(4ppm)	$670
HP LaserJet 6P	$1170
Epson Stylus Color 300 720 dpi	$245
Epson Stylus Color 400 720x720	$330
Epson Stylus Color 600 1440x720	**$475**
Epson Stylus Color 800 1440x720	$690
Acer FlatBed SCSIScanner 300F	$295
Acer Flat bed Scanner 610	$475

Video / Graphic

DS (Diamond Stealth) 2000 3D 2MB	$105
DS 2000 3D 2MB Upgradable	$125
DS 2000 3D 4MB	$155
Diamond Monster 3D 4mb PCI	$285
Matrox MGA Mystique 2MB SGRAM	$180
Matrox MGA Myst220 4MB SGRAM	**$240**
Matrox MGA Millenium II 4MB WRAM	$365
Sony 15"-20" Trinitron Monitor	$Call
NEC 15"-21" Multisync	$Call
Samsung 15"-21"	$Call
Acer 14"-20" Monitor	$Call
AcerView 17" 76c 0.27mm Digital	$700
Mitsubishi Dimondpro 17" 67txv 0.25	$1080
Mitsubishi Dimondpro 21" 91txm 0.28	$2890

Others

Creative SoundBlaster16pnp	$73
Creative SoundBlasterAWE64 Value	**$145**
Creative SB AWE64 Gold pnp	$335
Subwoofer System With Satellite spks	$160
Iomiga Zip Drive 100MB	$235
Zip Cartridge (100MB)	$23
Iomiga Jaz Drive (1GB Int)	$485
Iomiga Jaz Drive (1GB Ext)	$615
Jaz Cartridge (1G)	$160
ATX MIDI Size Case	$140

All Trademarks and logos are the property of their respective companies. Prices are subject to change without notice, Prices are for Cash or Bank Cheque Only

Cydex

Cydex Computers & Networking
Shop 49 / 47 Neridah St, Chatswood NSW 2067
Website: www.cydex.com.au
Tel: 02 9411 5088
Fax: 02 9411 5881
email: cydex@cydex.com.au

QUEENSLAND COMPUTERS

SYSTEMS

IBM 686 P166+	$CALL
IBM 686 P200+	$959
PENTIUM 166	$1099
PENTIUM 200	$1199
PENTIUM MMX 166	$1299
PENTIUM MMX 200	$1449
M2 & K6200	$1299
PENTIUM II	$CALL

SYSTEMS INCL

1.7 Gig Hdd, 8Mb Ram, 1Mb Video Card, 3.5 Fdd, 14" SVGA Monitor, Mouse, Key/B.

MOTHERBOARDS

P512K RAFFLES INTEL	$145
VX PRO	$165
QDITX INTEL	$220
P/512K SPACEWALKER	$180
P/512K ABIT INTEL	$195
P/512K QDI INTEL	$215
TX 512K GIGA INTEL	$235
TX 512K TYAN INTEL	$235
TX 512K 1430 75 MHz BUS	$190
TX PRO 75 & 83 MHz BUS	$175

CPU'S

IBM P200+	$150
PENTIUM 200 MHz	$CALL
PENTIUM 166 MHz MMX	$300
PENTIUM 200 MHz MMX	$420
PENTIUM 233 MHz MMX	$560
PENTIUM II	$CALL
PENTIUM PRO	$CALL
M2 & K6 200	$CALL

MODEMS

33.600 DYNALINK EXT	$150
33.600 KTX VOICE EXT	$155
33.600 DYNALINK INT	$145
56.000 US ROBOTICS	$250
56.000 WEBEXCEL	$230

MEMORY

30 PIN 4 MEG	$CALL
72 PIN 4 MEG	$CALL
72 PIN 8 MEG	$50
72 PIN 16 MEG	$99
72 PIN 32 MEG	$190
168 PIN 16 MEG SDRAM	$CALL
168 PIN 32 MEG SDRAM	$CALL

OTHERS

STD MOUSE	$10
WIN95 KEYBOARD	$23
CANON BJ210SP PRINTER	$265
SCANNER, VIEWMASTER 4800 DPI	$399
SCANNER, SCANTECH IIC	$270
WIN95 OEM	$115
IBM BUNDLED SOFTWARE	$80
with system	$50
M/S BUNDLED SOFTWARE PACK	$105
LOTUS SMART SUITE 97 OEM - with hardware purchase	$60
CASES	$CALL

PRICES SUBJECT TO FREIGHT. ALL PRICES INCLUDE SALES TAX. 12 MTH RTB WARRANTY. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS OF PAYMENT:
COD, CASH DEPOSIT
OR CREDIT CARD
(2.5% SURCHARGE)

WE WILL BETTER ANY OTHER GENUINE WRITTEN QUOTE

JFD COMPUTERS
PO BOX 502
PARADISE POINT, QLD. 4216

Suite 6, Society House
119 Scarborough St, Southport
Queensland 4215

OPEN MON-SAT 9am - 8pm, SUN 9am - 1pm

Ph: (07) 5591 5305
Fax: (07) 5591 5405

PRICES CHANGE EVERY DAY. PLEASE FEEL FREE TO CALL FOR THE BEST PRICE

C.D-ReWritable CDD3600 series

- 3 products in 1 package CD Rom, DE-R & CD-RW
- Write over 1000 times
- Direct Connect (IDE/ATAPI)
- Sectional Erase

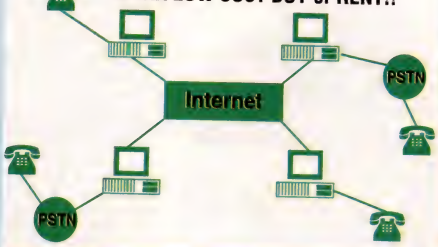
Ph. (02) 9888 0430
Fx. (02) 9888 0440
34 Waterloo Rd
North Ryde NSW 2113
www.philips.com./sv/cdiprof/

PHILIPS

Be Your Own Telco

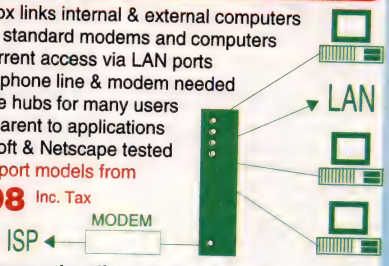
FREE handset to handset long distance phone call to any normal phone with your **OWN** phone exchange!! Works well even with 14.4k modems. Runs under Win95 or WinNT.

ULTRA LOW COST BUY or RENT!!



Internet Hub

One box links internal & external computers
Fits all standard modems and computers
Concurrent access via LAN ports
Single phone line & modem needed
Multiple hubs for many users
Transparent to applications
Microsoft & Netscape tested
1, 4, 7 port models from
$298 Inc. Tax



No software, automatic setup, Plug & Surf!!

Cheap 10Mbps + 100Mbps

16-Bit ISA LAN BNC	$26	5-Port 10BaseT Hub	$92
16-Bit ISA LAN Comb	$34	9-Port 10BaseT/2 Hub	$118
16-Bit ISA LAN Comb Plus	$48	17-Port 10BaseT/2 Hub	$198
32-Bit PCI LAN Comb	$38	3-Port Print Server	$460
Parallel Port LAN Combo	$129	2-Port Modem Server	$298
PCMCIA LAN Combo	$127	AUI-BNC-RJ45 Transceiver	$43
Little Big LAN Software	$95	Cables w BNC/RJ45	$6 + $1/m
100/10BaseT/X LAN	$99	8-Port 100M Hub	$698
100/10BaseT/X LAN Plus	$118	8-Port 100M STK Hub	$898
2-Port 100M/10M Switch	$718	STK Hub Link Cable	$47
6-Port 100M/10M Switch	$1298	STK Hub 10M Bridge	$212

Further Discounts on 2 or more units! Prices includes Tax.

Windows NT

Microsoft Certified Network Reseller, Microsoft Authorised Education Reseller
Windows NT Server (5 clients) $840, Windows NT Server (5 clients) Education $530

Internet Access

"NO BUSY TONE" DIAL-IN GUARANTEE

NO traffic charge — NO timed cutoff — NO peak hour charge
Hourly from $1/hour — Monthly from $0.3/hour
Backbone Connection — 7 days support — 56k & 33k access

Business Web Specialist

Advertise and Trade on the Internet — from $10 / month
Have your very own Domain Name — from $20
Advance multimedia fron-end with powerful database back-end!

KNOWLEDGE by Design Pty. Ltd. www.kbd.com.au.
Suite 201 Citymark Bldg George Street Sydney NSW 2000
Tel: (02) 9212 1399 Fax: (02) 9212 5727 Email: info@kbd.com.au

BULK INKJET REFILLS

STROUDCO
Specialists in Inkjet Solutions

Free Software Value $39*

*Exciting free Software Offer - Producing Profitable Results
Business Start-Up Solutions - Value $39 with every order

BLACK REFILL KITS ONLY $35.00

(# High Capacity Refill Kits $45.00)

PRINTER	NO. OF FILLS	COST PER FILL
CANON BJ30/70 BCI-101 1BK	30/80	$1.20/0.45
CANON BJ10/BJ200/BJ210/BJ240	7	$5.00
CANON BJ300/330	7	$5.00
CANON BJC600/610/620	15	$2.40
# CANON BJC4000/4100 /4200/4550 BCI-21/20	50/8	$0.90/$5.65
# CANON BC40 PHOTOCOPIER BLACK	6	$7.50
# HP DESKJET 400, 500 & 600 SERIES	7	$6.45
# HP DESKJET 820C/850C/855C/870C/1000C	6	$7.50
HP DESKJET PORTABLE HP51633A	8	$4.40
HP DESKJET 1200 B, Y, C, M	6	$6.00
EPSON STYLUS 400/800/1000	8	$4.40
EPSON STYLUS COLOUR / PRO / XL	6	$6.00
EPSON STYLUS 820 / COLOUR 11/11S	12	$2.90
EPSON COLOUR 200/400/500/600/800	12	$2.90
EPSON COLOUR 800/1520	8	$4.40
# IBM 4076/LEXMARK	6	$7.50
OLIVETTI	8	$4.40
# XEROX 4004/C.ITOH CJ300	6	$7.50

COLOUR REFILL KITS ONLY $45.00

PRINTER	NO. OF FILLS OF EACH COLOUR	COST PER FILL
CANON BJC70	60	$0.25
CANON BJC210/BJC240	10	$1.50
CANON BJC600/610/620	8	$2.00
CANON BJC4000/4100/4200/4550 BCI-21	30	$0.50
HP DESKJET 400, 500 & 600 SERIES	12	$1.25
HP DESKJET 820C/850C/855C/870C/1000C	6	$2.50
EPSON STYLUS COLOUR / PRO / XL	6	$2.50
EPSON STYLUS 820/COLOUR/11/11S	12	$1.25
EPSON COLOUR 200/400/500/600/800	12	$1.25

PHOTO CARTRIDGE REFILLS AVAILABLE

BULK INK AVAILABLE

WEB: http://www.vds.com.au/pacific

Free Delivery

PHONE / FAX ORDERS & ENQUIRIES
(03) 9720 9946

Fast Service Same Day Dispatch
Money Order, Cheque, C.D.O.,
Credit Cards Accepted

PO Box 729, Heathmont, Victoria 3135

Super Highway Co.

HOT

TV/VCR on PC and PC on TV/VCR

VITRA COMBO — 1ST TIME EVER — TELETEXT ADD $69 — REMOTE CONTROL

$349

FEATURES

TV on PC, PC on TV
AVI & Still Capture
3D + 2D..PCI..VMI
7 Text Op.& Capture
All Outputs, MPEG
OverLaying Facility
Video Conferencing
Real Time Cam Disp
4 INPUT, 4 OUTPUT
Hand Remote Contrl
PAL/NTSC/SECAM+
16 Screens at Once
1600 by 1200 Res.
Win95 DD/DV/D3D
Supports (DPMS)

PC. TV CARD

EVERYTHING CARD

YOU'V BEEN WAITING FOR THIS !

TEL:0411 522 266 FAX:029 317 3181
Web:superhwy@ozemail.com.au

MEMORY ★ MEMORY ★ MEMORY

SIMMS	PARITY	STANDARD
4Mb 30pin - 60ns	$38	$30
4Mb 72pin - 60ns	$39	$30
8Mb 72pin - 60ns	$71	$48
16Mb 72pin - 60ns	$111	$89
32Mb 72pin - 60ns	$212	$185
EDO SIMMS 72pin 60ns		
4Mb / 8Mb	$36	$48
16Mb / 32Mb	$92	$179
64Mb / 128Mb	$685	$1,297
DIMMS 168pin 60ns		
8Mb / 16Mb	$70	$110
32Mb / 64Mb	$218	$382
SDRAM 168pin 12ns		
8Mb / 16Mb	$84	$118
32Mb / 64Mb	$228	$588
TOSHIBA		
16Mb Tecra 500/650 Satellite etc.		$167
16Mb Libretto 50CT		$265
GATEWAY 2000		
16Mb Solo 2100/2200 etc.		$196
16Mb SDRAM PS-Pentium 200		$186

LIFETIME WARRANTY

IBM	
16Mb ThinkPad 365/380/560/760E, XD, XL etc.	$186
16Mb EDO DIMM PC-365 etc, (Pentium-II/Pro)	$186
DELL	
16Mb Latitude 4100 MX, MC, LC	$175
16Mb Dimension M, XPS etc-SDRAM	$206
16mB Dimension M, XPS etc - EDO	$111
HEWLETT PACKARD	
8Mb Laserjet 4, 5, 6P/MP	$56
4Mb Laserjet 5L, 6L	$98
16Mb Omnibook 800	$206
FLASH CARDS (PDA, CAMERA memory)	
8Mb Compact Flash	$206
15Mb Compact Flash	$342
30Mb Compact Flash	$734
PCMCIA adapters available	

NEW

We carry over 600 different modules for all makes including ACER AST CANON APPLE NEC ZENITH SUN & SILICON GRAPHICS.

Overnight Delivery $8
Credit Cards Welcome
Prices Subject to change

PELHAM Pty Ltd

PRICES EXCLUDE SALES TAX (22%)
Suite 6, 2 Hillcrest Rd, Pennant Hills NSW 2120 — PH: (02) 9980 6988 FAX: (02) 9980 6991
Email: pelhaml@ozemail.com.au

PLEASE CALL FOR LATEST PRICING!

ATTENTION ARTISTS!

Does drawing with a mouse feel like drawing with a brick? Throw away that brick. With a **Wacom Graphics Tablet** and cordless **UltraPen** you will draw and paint like a pro. The **UltraPen** lets you work naturally (no cord or batteries) and responds to changes of angle and pressure. Drawing, painting, and outlining detailed selections are easy and precise. Put the fun back into your work and your art.

For more information and pricing call:

Story Bridge Creations

Ph: (07) 3254 2637; Fax: (07) 3254 2638
e-mail: joan_anderson@msn.com

SCN

Marrickville
409A Illawarra Rd
Tel: (02) 9559 2013 Fax: (02) 9558 0250

Fairy Meadow
42 Princes Hwy
Tel: (042) 85 9344 Fax: (024) 85 9345

IBM 686-P200 +	**$ 2,799.00**
Intel MMX 200	**$ 2,999.00**
Intel MMX 233	**$ 3,399.00**
Intel Pentium II 266	**$ 3,999.00**

Above System Configuration:
- 33.6 Ext Voice/Fax/Modem
- Giga Byte Intel TX Chipset, 512K P/B M/Board
- 32 MB 168pin SDRAM
- Mini Tower Case
- 1.44 MB FDD
- 17" Acer digital Colour Monitor
- 104 Win95 keyboard
- 3.8 Quantum FireBall HDD
- MS Mouse & Mat
- 2MB Diamond Stealth 3D PCI SVGA Card
- 24X CD-ROM Drive
- 64 Bit AWE Creative Sound Blaster
- 480W Amplified Speakers
- HP Deskjet 690C With Free Colour Kit

Optional 2 Years On-site Warranty.

Panasonic CD Writer Kit **$ 629.00**
Inc. SCSI Card, 1 Blank CD, CD Writer S/W & Cable
IOMega Zip Drive (1 Blank) **$ 275.00**
IOMega Jazz Drive **$ 699.00**

Printers

Canon BJC-210	$ 240.00
Canon BJC-4200	$ 340.00
Canon BJC-4550	$ 699.00
Epson Styler 600	$ 479.00
Epson Styler 800	$ 679.00
Epson Styler Photo	$ 899.00
HP Deskjet 1000CXi	$ 730.00
HP Laserjet 6L	$ 675.00
HP Laserjet 6MP	$ 1450.0
HP Officejet	$ 1550.0
Brother-HL-730	$ 520.00
Panasonic KXP6100	$ 350.00
OKI 4W Laser	$ 370.00

Scanners

AT3 Artec Scanner	$ 299.00
AT6 Artec Scanner	$ 379.00
HP 5p Scanjet	$ 575.00
HP 4C Scanjet	$ 1399.00
Piustek Colour	$ 199.00
Epson GT 9000	$ 1,549.00
LogiTech PageScan	$ 529.00

LEO Note Book

3599.00

- Intel Pentium 133
- 16 MB EDO RAM
- 16 Bit Sound Card
- 1.44 MB FDD
- 1.08 GB Removable HDD
- Super Fast 10X CD-ROM
- Touch pad mouse
- 12.1" TFT Active Colour Screen
- Free Carry Case
- Windows95 CD & Manual
- 2X Type II & 1X Type III PCMCIA Slot

Quantum HDD

1.6 GB	$ 275.00
2.1 GB	$ 325.00
3.2 GB	$ 395.00
3.8 GB	$ 395.00
4.3 GB	$ 475.00

RAM

4 MB 30pin	$ 45.00
8 EDO	$ 60.00
16 EDO	$ 120.00
32 EDO	$ 240.00
32 SDRAM	$ 250.00

Free Delivery anywhere in Australia.
Dealers Inquiries Welcome.

AUSTRALIA PROUD COMPUTERS

Our Computer Specialists will give you everything you need

19 Ryedale Rd, West Ryde 2114
Ph: (02) 9807 6590 (5 lines)
Fax: (02) 9808 5069
e-mail apc_computer@one.net.au

APC Multimedia Systems

IBM 686 P200+	**$1280**
Intel Pentium 150	**$1350**
Intel Pentium 166	**$1380**
Intel Pentium 200	**$1420**

★ ***System include:*** 16Mb EDO RAM,
★ 1.7Gb HDD, 1.44Mb FDD,
★ 2Mb PCI MPEG Video Card
★ 14" SVGA NI Monitor, Minitower Case,
★ 104 Windows '95 Keyboard, Mouse,
★ 16 Speed CDROM Drive,
★ 16 Bit Sound Card, Stereo Speakers
★ Windows '95, MS Encarta, Works, Golf, etc

APC Multimedia MMX Systems

Intel Pentium 166MMX	**$1790**
Intel Pentium 200MMX	**$1970**

★ ***System include:*** 32Mb EDO RAM,
★ 2.1Gb HDD, 1.44Mb FDD,
★ 2Mb Diamond Stealth 3D Video Card,
★ 15" SVGA NI Monitor, Minitower Case,
★ 104 Windows '95 Keyboard, Mouse,
★ 18 Speed CDROM Drive,
★ 16 Bit SoundBlaster Card, 240w Speakers
★ Windows '95, MS Encarta, Works, Golf etc.

APC Pentium II Systems

Intel Pentium II 233	**$3588**
Intel Pentium II 266	**$3820**

★ ***System include:*** 64Mb EDO RAM,
★ 3.2Gb HDD, 1.44Mb FDD,
★ 4Mb WRAM Matrox Millennium Video Card,
★ 17" SVGA NI Monitor, Mediumtower Case,
★ 104 Windows '95 Keyboard, Mouse,
★ 24 Speed CDROM Drive,
★ SoundBlaster AWE64 Card,
★ 240w Stereo Speakers, Windows '95 on CD

CTX CyberNote Notebooks

IPentium 133 Large 12.1" DSTN Screen	**$2990**
Pentium 166MMX Large 12.1" TFT Screen	**$3890**

All Notebook Systems include: 16Mb RAM, 1.35Gb HDD, 1.44Mb FDD, 16x CDROM, 16-bit Sound Card, Ni-MH Battery, CTX carry bag, Ear phone and Joystick

Call for Free brochure

- All prices include sales tax, do not include freight costs, and are subject to change without notice.
- Payment terms are strictly cash, cash direct deposit, bank cheque or limited credit card with surcharge.
- Bank details Australia Proud Computers, Westpac Bank, BH 032280, ACN No. 119634.

Motherboard, CPU	
Pentium M/B Triton VX 256k	$125
Pentium M/B Triton VX 512k	$135
Pentium M/B Triton TX 512k	$170
CPU Pentium 166	$238
CPU Pentium 166MMX	$280
CPU Pentium 200	$288
CPU Pentium 200MMX	$468
CPU Pentium 233MMX	$698
CPU IBM 686 P200+	$146
Memory	
4MB 30pin Simm	$58
4MB 72 pin Simm	$40
8MB 72pin Simm	$68
16MB 72pin Simm	$110
32MB 72pin Simm	$200
32MB 168pin SD	$255
Floppy Drive	
1.2MB FDD	$85
1.44MB FDD	$45

Hard Drive	
1.08GB HDD	$240
1.2GB HDD	$245
1.6GB HDD	$258
2.0GB HDD	$272
2.5GB HDD	$292
3.2GB HDD	$342
CD ROM Drive, Sound card	
16 Speed CD-ROM	$128
20 Speed CD_ROM	$135
24 Speed CD_ROM	$158
16bit Sound card	$45
SoundBlaster 16 (VB)	$88
Stereo Speakers 60W	$25
Stereo Speakers 240W	$65
Monitor	
14" N/I SVGA	$285
15" N/I F/S D/C	$378
17" N/I	$710
15" Sony	$699

Printer	
HP DJ400	$286
HP DJ670C	$340
HP DJ690C w/photo kit	$420
HP LaserJet 6L	$688
HP LaserJet 6P	$1170
Canon BJC210	$238
Canon BJC4200	$360
Canon BJC620	$578
Epson Stylus 400	$348
Epson Stylus 600	$500
Epson Stylus 800	$715
Epson Laser 5500W	$410
Others	
Fax/Modem 33.6 int	$120
Fax/Modem 33.6 ext	$130
Fax/Modem 33.6 ext voice	$150
Tape Backup Unit 3.2G	$295
ZIP Drive 100MB - from	$225
Colour Scanner (A4) - from	$268

Monthly Specials

Fax/Modem
33.6k Internal
With Voice
For only
$99.00

★ *Please Call for Many Other Configurations & Options*
★ *School & Corporate Ex-Tax Price Enquiries Welcome*
★ *We ship to anywhere in Australia*

That's Debatable: Would you miss Apple?

Would the demise of Apple be a major loss? Rose Vines and John Hilvert debate

JH: I just can't get used to the idea of Apple being in decline. I know it has dropped some market share over the last two years, but its latest fibrillations are starting to unsettle me.

When it comes to no-worry computing, it's hard to beat a Macintosh. It's the only one I am happy to let my five-year-old run her programs on.

While I feel more comfortable with a Windows machine for my work, I fear desktop innovation will freeze without the agenda-setting qualities of a Macintosh. Until recently Apple has been ahead of its time. Even its Hypercard stacks anticipated multimedia authoring and HTML.

I know with your trend-setting attitude, you're way ahead of me on this already, Rose.

RV: I have, indeed, been watching Apple's death throes with a deal of interest, John. But my feeling is that Apple is getting its just desserts.

It's been one of the great ironies of microcomputing history that the three-piece suits from IBM gave the world the open-architecture, extensible and affordable PC, while the garage hippies from California gave us the Macintosh with its sealed box and overblown price tag.

As for Apple being ahead of its time, it may have shown innovation in isolated pockets (Hypercard, QuickTime) but it has worked a slow death on its operating system.

I'm sorry you're denying your daughter the fun of a PC, John. It's the way of the future.

JH: IBM's so-called open architecture was a necessity. It was never designed that way at first. The company had already failed to make a decent 8-bit PC back then against the Apple IIe. When it did make a hit of the PC it tried to cash in with its Microchannel bus — and failed.

Apple's system was proprietary because it was the first computer for the home, small business and education markets. Its operating system was designed to cut out the fear of computing. Windows 95 is close — but check out its hardware and support overheads!

As for my daughter, she prefers Apples over PCs.

RV: Apple's had a very long time in which to open up its computers and bring down prices. It has shown absolutely no desire to do either.

If we're going to have a rival to the Microsoft/Intel ascendancy, let's have one that is truly responsive to user's needs and really gets the adrenalin going. Apple's had a free ride on a bunch of pretty hollow assertions. The claimed ease, reliability and technological advantages of Macs are largely based on a 1984 paradigm.

JH: No argument that Apple's management misread the market. They should have licensed their operating system earlier, been more astute with their pricing, and not taken its customers too much for granted.

But deep down, the Apple system was pretty cool. You don't have to fiddle with configuration files. You don't have to tinker as much to get the computer going.

That's what my daughter tells me.

RV: Low blow, John! You know I'm not going to question the veracity of your daughter.

Still, I figure I can at least claim slightly broader experience. And that experience tells me that while the sudden complete disappearance of the Mac as a machine would cause a lot of heartache, the demise of Apple as a company is long overdue.

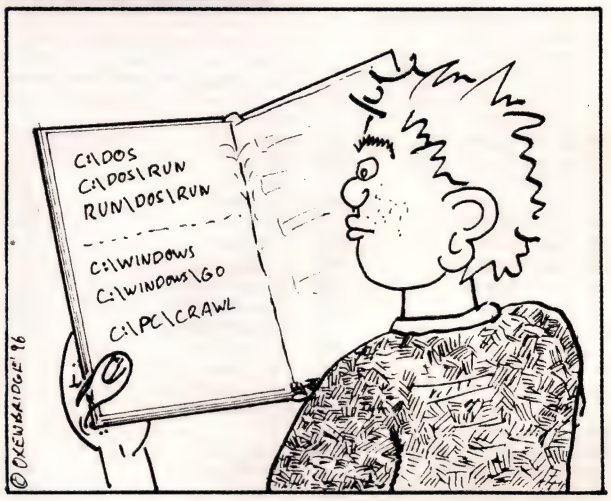
Strange site

Spamku

URL: *http://pemtropics.mit.edu/~jcho/spam/*

If extraterrestrials ever land on earth, how will they judge us? Perhaps they will land in the Domain in time to hear a performance of Beethoven's 7th during the Sydney Festival. Or, perhaps they'll tap into the Net and discover this site, which currently houses over 7200 haiku about Spam. Who knows what will appeal more to alien tastes?

COMPUTE THIS!



First grade readers for 1997.

ee Pages 57-59
r the Best
ices on leading
rand printers -
UARANTEED*

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

ACN 079 093 644

Current Catalogue 15/9/1997 to 15/11/1997

PART OF A $150 MILLION TECHNOLOGY COMPANY

WE WILL BEAT ANY GENUINE PRICE - GUARANTEED*

WHY PAY MORE? We Guarantee The Lowest Prices*

UP TO $400 OFF BIG BRAND PERIPHERALS!

Corel 7
$100 Rebate
See page 19
FROM $279 AMAZING PRICE!

Visio 5.0
No.1 for business diagrams
See page 22
FROM $169 MASSIVE SAVING!

MYOB Premier
Australia's multi-user accounting system
See page 9
ONLY $899 UNBEATABLE VALUE

US Robotics Modems
Leaders in communication
See page 60
ONLY $269 MASSIVE SAVING!

HP 6100 Scanner
with FREE slide
See page 7
HEWLETT PACKARD
ONLY $1239 AMAZING PRICE!

SyJet
The professionals choice
See page 51
FROM $569 AMAZING PRICE!

IBM Voicetype

Simply for anyone who would rather talk than type. Turn your spoken word into notes, papers and e-mails by simply speaking to your computer

only **$89**

See page 49

Buz is the word on video capture

only **$249**

Stealth 3D
Outrageously Fast Graphics – Plus 3D!
See page 46

Outrageously fast graphics

Compare Our Service

- Lowest Prices Guaranteed*
- Free Gift with Every Order*
- Massive Stock Holding
- Next-Day Delivery*
- Knowledgeable Sales Staff

*See page 3 for details

Compare our prices

★ TOP BRAND OFFICE SUITES TO SUIT EVERY NEED AND BUDGET

FROM $345
Microsoft Office 97 Upgrade
See page 4
Microsoft

FROM $229
WordPerfect Suite 8
See page 19
COREL

FROM $339
SmartSuite 97
See page 13
Lotus

FROM $85
ClarisWorks Office
All the Office you need!
See page 12
CLARIS

International Software Warehouse carry over 3000 different lines

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday

VISA MasterCard

LISTING

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

A-Z Index

By Product Manufacturer

Action HiTech 53
Adobe 25
Alcom 18
All Computer Solutions 44
APC 41
Artisoft 42
Banksia 31, 39, 60, 62
Borland 10
Canon 45, 59
CheckMark 28
Claris 12
Communique 25
Compro 43
Corel 19
Creative Pacific 45,54
CyberMedia 36,37
Davidson
Davidson 63
Diamond 46
Epson 58
Hayes 62
Hewlett Packard 5, 46, 57
HotKey 32,34,35, 40, 44
Hyundi 54
IBM 10
IMSI 14,20,21
Indigo pacific 13
Intel 42
Iomega 49, 50
Kingmax 40
Kiss 30
Knowledge Adv 63
Logitech 53, 56
Lotus 13
MapInfo 16
MAUS 11
McAfee 38
Micrografx 23
Microsoft 4,5,6
Mitsui 24
MYOB 9
NetComm 61
NetGear 41
OKI 58
OmniPage 5
Prentice Hall 17, 42
Proscan 56
QuarterDeck 26,27
Software Suppliers 33
SOHO 15
Sony 49, 52
Stac 39
Symantic 8, 29
TECO 55
Touchstone 30
TraxData 48, 50
US Robotics 60
UTC 47
Verbatim 52
Vet 31
Visio 22
Western Digital 51
World Books 64
Xircom 61
Zoom 62

ACCOUNTS

BET100 Better Invoicing CD $249
COM100 CommonCents Business 95 CD $349
MY0006 M Y O B Test Drive Win Cd $9.95
Feature M Y O B Accounting ....PAGE 9
AUS214 MS Money 97 3.5" $39
QUI033 QuickBooks Pro 5 ....$429
QUI038 QuickBooks Pro 5 & Payroll $519
QUI034 Quicken V6 ....$69
QUI035 Quicken Deluxe $89
QUI036 Quicken for Business $89
QUI031 Quick Payroll Pro V3 ....$349
QUI139 QuickTax $47

CAD

AUZ013 AutoCad LT V2.O 3.1 CD $419
AUT037 AutoCad LT V3.0 95/NT CD $779
AUT027 AutoSketch 2.1 ....$159
DRA006 Drafix Quick CAD $129
Feature Floorplan 3D Deluxe CD ....PAGE 21
Feature TurboCad V4 CD ....PAGE 21
IMS007 TurboCad Designer 2D/3D V3 CD $65

COMMUNICATIONS

CAR005 Carbon Copy V3 Win 3.1 ....$189
CHE011 Cheyenne Faxserver 5 User CD $579
ART038 Cosession Remote 7.0 PC host $65
AUS152 Cosession Remote 7.0 Host & Viewer $85
ART039 Cosession Remote 7.0 PC Viewer $65
Feature Modem Share 7.0 1 Port ....PAGE 40
MIC428 MS Exchange Internet Mail 4.0 ....$629
MIC335 MS Mail Server for Networks 3.50..$599
NOR016 PC Anywhere 2.0 Win 3.5 ....$185
NOR023 PC Anywhere 2.0 Host Win 3.5 ....$119
SYM031 PC Anywhere 32 7.5 95/NT Remote $139
Feature PC Anywhere 32 7.5 95/NT ....PAGE 8
Feature Procomm Plus V3.0 Win 95/3.1 PAGE 26
DEL017 Wincomm Pro 1.1 ....$119
Feature Winfax Pro 8.0 Win 95/NT CD ....PAGE 8
WIN039 Winfax Pro 4.0 3.5 ....$119
DEL020 Winfax Pro 4.1 5 User 3.5 ....$549
DEL024 Winfax Pro 4.1 10 User 3.5 ....$929
SYM048 Winfax Pro 4.1 25 User 3.5 ....$2099
WIN049 Winfax Pro 4.1 Net Starter Kit $369

DESKTOP PUBLISHING

ADO031 Adobe Pagemaker 6.5 CD $979
ADO032 Adobe Pagemaker 6.5 U/G CD $199
MIC022 Micrographx Designer V4.1 ....$185
Feature MS Publisher 97 Cd ....PAGE 4
Feature QuarkXpress V3.32 Win ....PAGE 25
SER012 Serif PagePlus Professional 4 Cd $99

DATABASES

Feature Act 3.0 Win 95/NT Dual ....PAGE 8
BOR105 Borland Visual DBase 5.5 Win 3.5 ..$359
BOR106 Borland Visual Dbase 5.5 U/G CD ..$199
PAR023 Borland Paradox 7 95/NT 3.5 ....$365
PAR022 Borland Paradox 7 95/NT Cd $365
PAR024 Borland Paradox 7 95/NT U/G 3.5 ..$209
PAR025 Borland Paradox 7 95/NT U/G CD ..$209
BOR023 Borland Reportsmith 3.0 95/NT CD ..$39
Feature Claris Filemaker Pro 3.0 CD ....PAGE 12
Feature Claris Filemaker Pro 3.0 U/G CD PAGE 12
SEA040 Crystal Info CD $2295
LOT182 Lotus Approach 96 for Win 95 3.5 ..$159
LOT062 Lotus Approach 3.0 Win 3.1 3.5 ....$159
MIC285 Ms Access 95 3.5 ....$349
MIC373 Ms Access 95 UG/XG 3.5 ....$139
MIC425 Ms Access 95 Dev Toolkit CD $619
MIC423 Ms Access 95 Dev Toolkit UG/XG CD $525
MIC090 Ms Access 95 MLP $369
MIC148 Ms Access V2 Win 3.5 ....$339
MIC174 Ms Access V2 X/G Win 3.5 ....$139
MIC091 Ms Access V2 MLP $359
MIC076 Ms Access V2 Dev Toolkit Win 3.5 ..$429
MIC528 Ms Access V2 Solutions Pk Win 3.5 ..$59
MIC339 Ms Vis/Fox Pro V3 UG/XG $119
MIC340 MS Vis/Fox Pro V5 95/NT CD $669
MIC655 Ms Vis/Fox Pro V5 95/NT U/G CD $319
TRA008 Tracker 2.0 3.5 ....$379
TRK101 Tracker Upgrade/XGrade 3.5 ....$169

EDUTAINMENT

BOD009 Bodyworks 5.0 Win 95 CD $55
SOF195 Creativity &Learning Collection CD ..$79
SOF178 Compton's Interactive Encyclopedia $59
IMS012 EZLanguage 17 CD $75
BRO001 Maths Workshop CD Mac/Win CD $55
AUS298 MS Magicbus - Dino 1.0 Win 95 CD ..$59
MIC456 MS Magicbus - Oceans 1.0 Win CD ..$59
AUS134 MS My Very First Storybook Mac/Win $35
MIC200 MS Schubert 1.0 Win CD $39
SOF096 Websters Encyclopedia Win CD $19
MIC282 MS Access 2.0 Win Edu 3.5 ....$229

EDUCATION PRICING

MIC246 MS Excel 5.0 Win Edu 3.5 ....$229
OFF004 MS Office 4.2 STD Win Edu 3.5. ....$349
MIC675 MS Office 97 Developer Edu CD $270
MIC237 MS Powerpoint 4.0 Edu $229
MIC304 MS Project 4.0 Win Edu 3.5. ....$259
MIC681 MS Visual Basic 5.0 Pro Win Edu CD $129
MIC680 MS Visual C++ 5.0 Pro Win Edu CD.$129
MIC366 MS Windows 95 Edu 3.5 ....$169
MIC362 MS Windows 95 U/G Edu 3.5 ....$109
WIN107 MS Win Nt 4.0 Workstation Edu CD. $159
WIN088 MS Win Nt 3.51 Server Edu CD. $479
MIC497 MS Word 6.0 Edu 3.5 ....$219
MIC100 MS Word 6.0 MLP Edu $79
MIC357 MS Works 3.0 Win Edu CD. $65
MIC230 MS Works 4.0 Win Edu 3.5 ....$65
BOR115 Paradox V7 Win Edu 3.5. ....$169
TUR009 Turbo Pascal V7 Dos Edu 3.5. ....$85

GRAPHICS

ASY014 3D FX Win 95 CD $95
ASY008 Asymetrix Digital Video Production $95
COR030 Corel Draw 5 CD Only $699
COR124 Corel Draw 5 To 6 U/G CD $369
COR122 Corel Draw 6 CD $699
Feature Corel Draw 7 95/NT CD ....PAGE 19
Feature Corel Draw 7 95/NT U/G CD ....PAGE 19
COR132 Corel Flow 3 For Win 95 ....$199
COR056 Corel Gallery 2 (15,000) $109
COR158 Corel Graphics Pack CD $229
COR054 Corel Photopaint 5 Plus CD $129
COR143 Corel Photopaint 6 CD 95 ....$299
COR162 Corel Presentations CD Win 3.1 ....$119
COR184 Corel Printhouse 1.1 Win 3.1/95 CD $45
COR046 Corel Ventura V5 CD $499
COR044 Corel Ventura V5 U/G CD $149
ASY008 Digital Video Producer CD $95
NOD001 Graphics Explosion CD $59.95
QUA099 Hijaak Pro CD $175
Feature Kais Power Tools V3 Win95/NT PAGE 25
LOT005 Lotus Freelance V2.1 Win 3.5 ....$529
MAC016 Macromedia Director V5 CD $1595
MAC018 Macromedia Director Studio 2 CD $1649
MAC023 Macromedia Director Studio U/G CD$899
MAC010 Macromedia Freehand V7 CD $599
Feature MasterClips 150,000 CD ....PAGE 20
Feature MasterClips 101,000 CD ....PAGE 20
IMS036 Master Graphics Converter $79.95
LAK105 Media Studio Pro 2.5 CD $355
MGF007 Micrografx Business 95/NT CD $89
MGF002 Micrografx Draw 5 Gra/Print Studio $69
MGF008 Micrografx Flowcharter 7 CD $339
MGF101 Micrografx Graphics Suite CD $399
Feature MS 3D Movie Maker 1.0 W/95 CD PAGE 4
MIC156 MS PowerPoint 4.0 U/G Cop Win 95 $149
MIC295 MS PowerPoint Win 95 3.5 ....$329
MIC297 MS PowerPoint Win 95 U/G 3.5 ....$145
PHO001 Photofinish 4.0 Win CD $59
SER006 Serif Pub Power Suite 3.1/95/NT CD $99
INM001 Slides & Sound Plus CD $89
MGF007 Small Business & Print Studio $89
Feature Visio 4.0 Dual ....PAGE 22
VIS055 Visual Reality V2.0 CD $209

INTERNET

CLA022 Claris HomePage 2.0 CD $99
COR140 Corel Internet Mania $35
COR185 Corel Web Designer CD $149
COR301 Corel Web Graphics Suite 1.0 CD $299
SYM056 Internet Fast Find 1.0 95/NT CD $65
AUS297 Internet Suite 2 CD $59
MGF100 Micrografx Webtricitry CD $199
MIC900 MS Internet Starter Kit 3.0 CD $25
Feature MS Frontpage 97 CD ....PAGE 4
CHK002 Net Nanny CD $42
SYM039 Symantec Cafe 1.5 95 /NT CD $149
ASY015 Web Publisher CD $95

INTEGRATED

Feature ClarisWorks Office 5.0 95 3.5 ....PAGE 12
CLA006 ClarisWorks 3.0 Win 3.5 ....$109
Feature Corel Wordperfect Suite 8 95 ....PAGE 19
Feature MS Office 97 ....PAGE 4
MIC178 MS Office Pro 4.3 Win 3.1 CD $749
WOR063 MS Works 3.0 Win 3.1 3.5 ....$65
WOR127 MS Works 4.0 Win 95 3.5 ....$65
LOT106 Smartsuite 4.0 Win UG/XG CD $349
LOT143 Smartsuite 96 Win 95 U/G CD $349

LANGUAGES

Feature Borland C++ Builder 1.0 Cd ....PAGE 10
Feature Borland C++ Builder Pro 1.0 Cd PAGE 10
Feature Borland Delphi 3.0 Pro Cd ....PAGE 10
BOR167 Borland Pascal 1.5 Win 3.5 ....$255
TUR060 Borland Turbo Assembler 5.0 3.5 ..$139
MIC274 Ms Fortran Powerstation 1.0 NT $689
Feature Ms Visual Basic 5.0 Win 95 ....PAGE 4
MIC372 Ms Visual C++ 2.0 MIPSWin CD $939
Feature Ms Visual C++ 5.0 Std Win CD ....PAGE 4
Feature Ms Visual C++ 5.0 Pro Win CD ....PAGE 4
MIC485 MS Visual J++Pro 1.0 95 NT CD $119
ASY016 Supercede CD $189
TUR005 Turbo C++ 3.0 Dos Dual $159
TUR064 Turbo C++ 4.5 For Win CD $129
TUR003 Turbo Pascal 1.5 Win U/G 3.5 ....$215
TUR008 Turbo Pascal 7.0 U/G 3.5 ....$145

LEISURE

AUS305 Barbie Fashion Designer Win CD $59
MIC180 Best Of Entertainment Pk $35
BRO004 Carmen Sand 3.0 3.1/95 CD $59
BRO004 Carmen Sand Jr Win CD $59
AUS173 Casino Master Multimedia Win CD ..$55
AUS174 Close Combat Win 95 CD $29
AUS050 Diablo Win CD $69
FAM004 Family Tree Maker 3.0 CD $69
FAM005 Family Tree Maker Pro CD $159
BBD008 Green Eggs and Ham Win CD $55
BRO102 Journey to the Edge Win CD $79
FSO05 Learning in Toyland 3.1/95 CD $55
MAS018 Micro Cookbook CD $59
AUS175 Midnight Rescue! Win CD $65
AUS124 Monopoly Cd $59
PIN021 Monty Pythons Quest for Holy Grail $79
MIC717 MS Art Gallery 1.0 Win CD $65
MIC180 MS Best of Ent Pak 1.0 Win 3.5 ....$35
Feature MS Golf 3.0 Win 95 CD ....PAGE 4
Feature MS Helbender Win 95 CD ....PAGE 4
MIC525 MS Wine Guide 1.0 Win CD $39
BRO103 Myst With Stratergy Guide CD $79
AUS049 Pirate Ship Adventures 3.1/95 CD $55
HAS001 Risk Win CD $59
BRO101 The Last Express Win CD $79
SOF019 Total Health Body & Mind $55
TRI006 Triazle Win CD $35
AUS123 Trivial Pursuit Win CD $45
AUS051 Warcraft Battle Chest CD $109
YOU002 You Don't Know Jack Win CD $49

NETWORKING

CHE040 Cheyenne ARCServe 6 10 Users $449
CHE011 Cheyenne FaxServe 5 Users $579
CHE042 Cheyenne InocuLAN (Netware) $499
NOV302 IntranetWare 5 User + Server $499
NOV189 IntraNetware 5 User CD $1229
NOV133 IntraNetware 10 User CD $2299
NOV130 IntraNetware 25 User CD $4049
ART021 Lantastic 7.0 Addon Kit $215
ART022 Lantastic 7.0 Single User CD $115
ART018 Lantastic 7.0 2 User Starter Kit $399
ART024 Lantastic 7.0 10 User CD $465
MIC224 MS NT Server 3.51 3.5 ....$935
WIN080 MS NT Server 3.51 MLP $799
MIC464 MS NT 4.0 Workstation CD $399
MIC486 MS NT 4.0 Workstation U/G CD $189
MILP008 MS NT 4.0 Workstation MLP $349
MIC495 MS NT 4.0 Server & 10 Clients CD ..$1439
MIC493 MS NT 4.0 Server & 10 Clients U/G $679
NOV133 Netware 3.12 5 User CD $1199
NOV152 Netware 3.12 10 User CD $2729
NOV140 Netware 3.12 25 User CD $4049
NOV158 Netware 3.12 50 User CD $5469
NOV136 Netware 3.12 100 User CD $7659

OPERATING SYSTEMS

IBM004 IBM PC Dos 7.0 (U/G) 3.5 ....$79
DOS017 Ms Dos 6.22 Mlp U/G $59
DOS011 Ms Dos 6.22 U/G 3.5 ....$69
MIC720 MS Windows 3.11 3.5 ....$189
MIC925 MS Windows 95 3.5 ....$285
MIC086 MS Windows 95 MLP $239
WIN018 Ms WFWG 3.11 3.5 ....$199
WIN029 Ms WFWG 3.11 U/G $65
IBM060 OS/2 Warp 4 CD $275

PROJECT MANAGEMENT

INS005 Inspiration Win 3.5 ....$219
KEY009 Key Project Manager Win 3.5 ....$49
AUS112 Lotus ScreenCam 97 3.5 ....$159
ORG001 Org Plus 3.0 3.1/95 3.5 ....$199
MIC157 Ms Project 4.0 Win 3.1 3.5 ....$689
MIC184 Ms Project 4.1 U/G Win 95 3.5 ....$189
MIC462 Ms Project 4.1 95 3.5 ....$679
MIC375 Ms Project Key 4.1 MLP Win 3.1 ....$569

SPREADSHEETS

COR163 Corel Quattro Pro 6.0 Win 3.1 CD ..$119
LOT108 Lotus 123 5.0 Win Trade Up CD $199
EXC004 MS Excel 5.0 Win 3.5 ....$329
MIC286 MS Excel Win 95 3.5 ....$339

UTILITIES

ADO067 Adobe Acrobat Capture 2.0 CD $999
ARC042 Arcserve 6.1 Netware Ent U/G (25) $1409
ARC040 Arcserve 6.1 Netware Wrkgrp $749
ARC041 Arcsolo For Win 95 ....$189
Feature Cleansweep 97 ....PAGE 27
CON028 Conversions Plus V3.5 3.5 ....$210
AUT050 Datasafe CD $89
SOL023 Dr Solomons AntiVirus Win 95 ....$199
ETT001 e-TTachment Opener CD $85
FAS013 Fastmove! 2.0 3.5 ....$99
RMG202 First Aid 97 Win 3.1 3.5 ....$64.95
AUS109 IBM AntiVirus 3.5 ....$79
LAB003 Label Unlimited Win 95 CD $59
AUS111 Lotus Organizer 97 ....$129
MAC100 MacOpener 3.5 ....$93
QUA044 Magnaram 95 ....$65
Feature McAfee VirusScan V3 Dual ....PAGE 38
MIC298 MS Schedule + For Win 95 ....$105
Feature Norton Antivirus V3 Win CD ....PAGE 29
Feature Norton Utilities V2 Win 95 ....PAGE 29
Feature Partition Magic V3.0 CD ....PAGE 28
Feature PC-Cillin III ....PAGE 30
SYM060 PC Handyman CD $69
RED010 Red Eye Back-Up 3.5 ....$79
AUS140 Thunderbyte 95/NT 3.5 ....$129
Feature Uninstaller V4.5 3.5 ....PAGE 35
WIN096 Wincheckit V4 3.5 ....$79
IMS051 WinDelete 97 CD $49
QUA043 Winprobe 95 CD $79
SUP022 Xtree Gold 3.0 Dos 3.5 ....$139

UTILITIES - SCREEN SAVERS

AFT007 After Dark Win 95 CD $39
MIC232 MS Scenes Flight 2.0 Win 3.5 ....$29
MIC382 MS Scenes Nature 2.0 Win 3.5 ....$29
MIC384 MS Scenes Wildlife 2.0 Win 3.5 ....$29
MIC387 MS Under Sea Scenes 2.0 Win 3.5 ..$29
STA030 Startrek Next Generation CD $45
SIM020 The Simpson Screen Saver $45
TWI002 Totally Twisted After Dark 3.5 ....$45

WORD PROCESSING

ADO035 Adobe Type Manager V4.0 ....$115
SEA051 Crystal Reports Pro 5.0 CD $519
IBM047 IBM VoiceType 3.0 Win 95 CD $499
LOT113 Lotus WordPro 96 for Win 95 3.5 ....$149
MIC144 MS Word 6.0 Win 3.5 ....$339
MIC229 MS Word 95 3.5. ....$339
AUS296 Typequick $69
WOR077 Wordstar V2 3.5 ....$79.95

Can't find it? Call!

These are just a few of the 1000s of items we stock.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Welcome to the International Software Warehouse!

Richard O'Neill
Managing Director

This month's issue is packed with new products and fabulous specials saving hundreds of dollars in many cases. It is also an exciting month for us with the launch of our Internet site. Our interactive site lists all our major products and current pricing. So, for people on the Net, you can now browse our site on www.software-warehouse.com.

We do not sell "Grey Imports" or second hand products. We just sell the latest versions of big brands at the lowest possible prices. As authorised resellers for every product we sell, you are guaranteed only the best.

At the International Software Warehouse we aim to consistently offer you the highest level of service and thanks to our huge buying power the lowest prices on leading brand software and peripherals. Even if you are not buying from us, I am sure your are enjoying the added competition we have brought to the market.

With our massive stocks, we can ship most items the same day and our friendly, knowledgeable sales staff are always on-hand to offer advice. Don't forget, with every order we offer a free CD - just choose your title from the list.

Thank you for your support and taking the time to look through our advertisement, we look forward to doing business with you.

Choose a FREE CD with every order!

For Windows only. No documentation supplied. Packaging shown for illustration purposes only.

1. **MasterClips 1000** - A collection of professional colour clipart.
2. **Starfish Internet Utilities** - Now for the first time it is possible to manage your diary, contacts, meetings and communications via the Internet.
3. **Bodyworks v3** - Learn all about the human body with this full featured multimedia guide. From your scalp to your toes, you'll learn how each part of your body functions.
4. **TurboCAD v1 Windows** - The most significant release of any CAD software this decade!
5. **EZ language v1** - EZ Language Version 1 is the fun, easy vocabulary pronunciation tutor. In just minutes you'll be learning new ways to communicate in 7 different languages.
6. **Leonardo The Inventor**- A multimedia exploration of the life and works of Leonardo da Vinci (No 3D glasses)

Please remember to specify which CD you require when ordering, or none will be sent.

FREE EXPRESS DELIVERY*

DUE TO INSURANCE REASONS GOODS CANNOT BE SHIPPED TO P.O. BOXES

*For all orders over $200 under 3KGS - If not:

Sydney Metro (O/N)	$6.95	(Any weight)
NSW, ACT, Victoria & Brisbane (1-2 Days)	$9.95 $19.95	(Up to 5KG) (5KG+)
Rest Of Australia (1-4 Days**)	$9.95 $14.95 $39.95	(Up to 3KG) (3KG to5KG) (5KG+)

** Due to the the remoteness of certain parts of WA & the NT delivery may take up to 7 days in these areas

Order by Phone

Our sales team are ready to take your order from 9am to 6pm Monday to Friday and 10am to 3pm Saturday. Place your order anywhere in Australia for the price of a local call on 1300 360 799. Order before 4pm and receive delivery the next working day. See below for conditions.

Order by Fax

If you would like to fax an order please complete the form below. If you qualify for a credit account then simply fax us your official purchase order on 02 9700 8801. All faxed orders received before 4pm will be dispatched that day if in stock.

Corporate Orders

Software Warehouse have a full team devoted to the needs of corporate customers. If you need advice on anything from licenses, and credit accounts to volume purchasing and site upgrades, call our corporate sales team
to find out how we can help.

Cut out or photocopy and send / fax to:
International Software Warehouse Pty., 13 Bradford Estate, 10 Bradford Street, Alexandria, Sydney, NSW 2015

Please tick this box if do not want to receive regular catalogues from Software Warehouse ☐

Qty.	Reference	Description	Price
1	FREE GIFT	See Page Two	FREE
		Delivery	
		TOTAL	

Exp. Date ☐☐/☐☐

Please charge my VISA / MasterCard / AMEX / Bank Card

Remember! free gifts are not sent unless requested.

Signature _____

Name _____

(Company Name) _____

Tel No. (Daytime Only) _____

Fax No. _____

Address _____

N.B. No P.O. Boxes

Post Code _____

Please Read Our Terms & Conditions

All orders are subject to our full terms and conditions of sale. If you would like to see a copy of our terms and conditions of sale prior to purchasing, please call our customer service department on the number below.

ORDERING:- All prices and offers are subject to change and availability. Errors and omissions excepted. All prices include Sales Tax. We do not charge credit cards until the goods are available for despatch. Please allow ten working days for cheque clearance. Goods ordered by fax or post will be charged at the current price on the day of receipt. For out of stock items, delivery dates given are only estimates.

CREDIT ACCOUNTS:- Accounts may be opened for Govt. Depts, Education and selected incorporated businesses, subject to status. Initial order value to open accounts must be in excess of $500. Credit account orders are only accepted on official stationery by fax or post. Credit accounts must be paid strictly within 30 days, and we reserve the right to withdraw credit facilities.

WARRANTY AND RETURNS:- Only Australian sourced goods are supplied. Goods are not supplied on a trial basis, please check specification and compatibility with the manufacturer prior to purchasing. Although our staff can offer advice, they cannot confirm compatibility. In the case of faulty goods, please contact our customer service department who will make arrangements for replacement. Such arrangements may involve you dealing with the manufacturer directly. If, within 30 days of purchase, but before opening the product, you decide the product is unsuitable please call us to arrange a returns number. We will refund the cost of the item minus a 15% restocking fee. We cannot accept non-faulty opened software for return, under any circumstances. All returns must be authorised by us, and must be returned in suitable packaging, bearing our returns number on the outside. Returns not complying with these terms will be refused. Where a manufacturer offers a money back guarantee, this will normally involve you sending the product back directly to the manufacturer, who will process the refund themselves.

PRICE PLEDGE:- Refers to Australian products available ex-stock. We will beat the advertised total cost (including delivery) subject to not selling below our cost price. We reserve the right not to beat prices or liquidated, end of line or OEM items, and will not match prices that have been printed incorrectly. The price pledge is only available at the time of ordering.

SPECIAL OFFERS AND FREE GIFTS:- All special offers are subject to availability, and may be in promotional packaging (packaging may refer to boxes, manuals, etc.) All photographs are for identification purposes only. Please remember to choose a free gift when ordering. If no gift is specified, none will be sent.

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions #2.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an international company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

MICROSOFT

INTERNATIONAL

SOFTWARE WAREHOUSE Pt Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Microsoft Office 97!

FROM **$345!**

Guide to MS Office pricing

If you have ten PCs or more then call our corporate team as you will be able to make substantial savings by entering into a MOLP agreement. If you are looking for single copies or small quantities please refer to these charts.

Upgrade: If you currently use any version of either MS Word, MS Excel, MS Access, MS Powerpoint or MS Works then you qualify for the upgrade.

Competitive Upgrade: If you currently use a Lotus product, Corel, Harvard or other major competitive products you qualify for an upgrade price - call for details.

New User: If you do not qualify for either of the above then new user pricing applies.

Office 97	New User		Upgrade or Comp. Upgrade	
Standard	MIC628	$649	MIC629	$345
Pro Free MS Bookshelf Basic	MIC631	$775	MIC632	$439
Pro & Microsoft IntelliMouse Free Microsoft Bookshelf Basic			MIC648	$469
Developer	MIC648	$1029		$Call

Please note: Office 97 is ONLY available on CD. Disk exchange is available via Microsoft for a small charge

Microsoft Word 97

Microsoft Word 97 sees major improvements with developed intellisense complete with new grammar checking

MIC647 Microsoft Word 97 ..... $319
MIC646 Microsoft Word 97 U/G $139

Microsoft Excel 97

New in Excel 97 are drag and drop page breaks, auto-resizing when you print and text rotation.

MIC637 Microsoft Excel 97 ..... $319
MIC638 Microsoft Excel 97 U/G $139

Microsoft Outlook 97

Outlook is designed to help you easily manage your desktop including email, a calendar, contacts and files/documents all from a common work area.

MIC642 Microsoft Outlook 97 ..... $129

Office for Win 3.1	New User		Upgrade		Comp. Upgrade	
Standard V.4.2 3.5"	MIC129	$629	MIC139	$349	MIC136	$349
Professional V.4.3 3.5"	MIC168	$749	MIC173	$439	MIC189	$439
Professional V.4.3 CD	MIC178	$749	MIC179	$459	MIC553	$495

MS PowerPoint 97

The World's Leading Presentation Software

New drawing and charting features, seamless web integration via Explorer 3.0 and an improved interface make your PowerPoint presentations quicker to produce and deliver even more impact!

MIC644 MS PowerPoint 97 ..... $319
MIC643 MS PowerPoint 97 U/G $139

Microsoft Access 97

Microsoft Access 97 supports the al new Office 97 interface and is now even more powerful.

Seamlessly integrates with the Visual Basic custom development environment, to ensble powerful, despoke business applications to b constructed within the office 97 Pro environment. Available with Office 97 Pro version only.

MIC635 MS PowerPoint 97 ..... $319
MIC634 MS PowerPoint 97 U/G $139

The Lowest Microsoft Prices in Australia

The MS Office 97 u/g Value Pack + Exclusive bonus

+$100 Bonus Voucher

This great offer includes; Office 97 Upgrade Encarta WA,Games sampler, publisher 97,Money 97, Picture-it, IntelliMouse. **PLUS** Norton's Anitvirus, **PLUS** $100s worth of Post-it Digital Products **PLUS** MS Hellbender, Music Central,and IMSI 35000 Master Clips

All this for only $539

MIC683

MS Office 97 Small Business Edition

The first office suite specifically designed for small business

Small Business Contains;

- Word 97 (Word processor).
- Microsoft Excel 97 (spreadsheet).
- Publisher 97 (desktop publishing).
- Outlook 97 (desktop information manager).
- Autoroute (Route planner and travel guide).
- Small Business Financial Manager 97n (financial analysis tool).
- The internet tools and information include the Microsoft Internet.

MIC718 Microsoft Office 97 Small Business Edition U/G $359

MS Home Essentials

Get the most out of your PC-five great products combined at one amazing price

- Microsoft Word 97 - The world's best selling word processor for Windows 95.
- Microsoft Works 4.0 - The powerful spreadsheet and database in Works.
- Microsoft Encarta 97 World Atlas - The most comprehensive Worlds Atlas
- Microsoft Money 97 - Pay bills, plan your financial future.
- Microsoft Football - World class pitch, cheering crowds - play like a champion!
- Microsoft Network - One month fre trial of Microsoft Network.
- Microsoft Intenet Eplorer - The most excieting and easy way to surf the Net.

MIC696 Microsoft Home Essentials $149

MS Front Page 97

With authoring and Management tool plus Bonus Pack

Microsoft FrontPage 97 with Bonus pack makes creating professional-quality websites effortless with powerful new functionality, support for the latest Web technologies and seamless integration with Microsoft Office. It's never been easier. Create and manage Web sites with graphical tools. View and easily manage hierarchical, graphical and directory representations of your Web site in the FrontPage.

Includes powerful Web technologies.
Easily incorporate your own tags, ActiveXT, controls, database support, JavaScriptT, browser plug-ins, and Visual Basics, Scripting Edition.
Build eye-catching pages using WYSIWYG editing-there's no need to know HTML because the FrontPage Editor provides a graphical editing environment that works like other Microsoft Office 97 applications. Add content with wizards, templates and drag-and-drop ease. Plus many more features

MIC640 Microsoft FrontPage 97 ..... $139
AUS203 MS FrontPage 97 U/G $69

MS Publisher 97

Create High Impact Publications In A Few Easy Steps

Create effective, high-impact publications and Web sires with Publisher 97/ It's perfect for all your projects- business, home, club, charity and school. And so easy to use. In just minutes, you can turn your ideas into professional-looking publications, in print and online

1. Choose a publication - Just click on the type of publication you'd like to create.
2. Create with confidence - customise your layouts with customised tools.

Features

- Clip gallery with over 500 clip art images and photo images.
- Additional clip art images plus sounds, videos and photos may be accessed from MS Clip Gallery Live on the World Wide Web.
- Over 40 font styles on the font menu.
- More than 150 decorative boarders- or create your own.
- New Web site wizard for creating ready-to-be-published Web sites.
- Design gallery with hundreds of coordinated design elements

MIC532 MS Publisher 97 ..... $95
MIC206 MS Publisher 97 U/G $69

MS Project

Managing your projects shouldn't be a project in itself

Microsoft Project for the Windows 95 operating system makes project management a natural part of your everyday business planning.

Plan, manage and communicate better to stay on schedule and on budget.
How and when are you going to reach key milestones? Create achievable project plans and make them look great with the GanttChartWizard.

Manage. Use built-in workgroup features to assign tasks and gather status updates from your team using electronic mail (e-mail).
Print a variety of ready-to-go or custom high-quality reports.
Or send your projects to other applications or users online, ion or post project plans to your network server.

Communicate. Use a variety of reports, including Monthly Calendar, to present your plan in a format that makes sense at a glance.
Create resource pools and assign resources directly from your e-mail address book.

MIC462 MS Project 4.1 ..... $679
MIC184 MS Project 4.1 U/G $189

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday

VISA MasterCard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

MICROSOFT

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Flight Simulator 98

It's midnight, snowing heavily and you're one of twenty planes waiting to land at Heathrow. Confident Captain?

The worlds leader in flight simulation takes you to new levels of realism, adventure and challenge. You've never flown like this before! Microsoft Flight Simulator for Windows 95 provides the best way to experience the thrill and challenge of flight. The game delivers the most realistic flight simulation on a PC.

- The all-time top selling PC game offers more thrills than ever.
- Two new planes, new flying lessons, more new cities and airports, more challenges and adventures.
- Digitised instrument panels are featured on all six planes

Ultra realistic planes provide an unparalleled flight experience.
NEW Virtual pilot instruction guides you through!
NEW Multimedia flight school instructs you in the basics!
NEW AutoInstall and AutoPlay get you out on the runway fast1

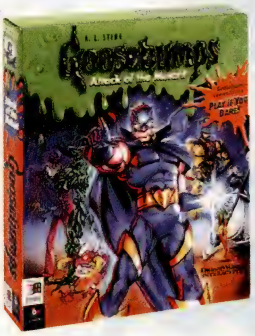
MIC750 Microsoft Flight Simulator V6 ..... **$85**

Goosebumps - Attack of the Mutants

GooseBumps comes to life. Play if you Dare, Mortal!

Your favourite Goosebumps story is now a killer action game! First there was the Goosebumps novel One day in Horrorland written by R.L.Stine, then there was the interactive game(designed to follow-on from that novel) Escape from horrorland.
Now Goosebumps comes to life in this thrilling 3-D action sequel. The Masked Mutant has an evil plan to take over the world and only you can stop him, Play if you dare!
Save the world from a gang of psychotic killer mutants. You've got until bedtime!

- Over 15frightening levels of in-your-face action.
- Fight an army of diabolical villains
- Team up with an entire league of super heros
- See stunning 3-D graphics
- Hear great celebrity voices, including Jim Belushi and Adam West.



MIC751 MS GooseBumps: Attack of the Mutants **$55**

NBA Full court Press

Shoot some hoops!

So real you'll sweat! Choose from 29 NBA teams, then sep on court and shoot some hoops! Screen players use more than 250 different movements

MIC508 NBA Full Court Press **$29**

Deadly Tide

The height of battle - The depth of fear!

High energy all out war in the eerie nether world of the abyss, where you are the planet's only hope!

MIC510 MS DeadlyTide **$29**

Hell Bender

Victory or total galaxy extinction - It's up to you in HellBender

Evil Bion agressors , Soulless, genetically-engineered warriors -Only you alone can save the world you know.

MIC509 MS HellBender **$65**

Soccer

Microsoft football with Multiplayer technology provides action so real it hurts

Puts you in the middle of a high energy game , with realistic field conditions , sounds and true-to-life playermotion.

MIC515 MS Soccer **$29**

Close Combat

Take control of men who act like real soldiers!

Defeat the enemy in non stop World War II action. Lead your men through the terror, fatigue and hell of war on to Victory!

MIC752 MS Close Combat **$65**

Coming Soon Age of empires

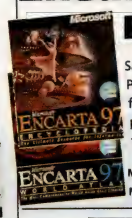
Mix the tactical genius of Napoleon with the terror of Atilla the Hun and the world will be yours!

MS Intellimouse and MS Keyboard

- New IntelliMouse wheel allows you to quickly ZOOM and SCROLL in Office 97 applicatoins.
- Improved control in Windows 95 and windows NT 4.0.
- Fast, easy navagation in Explorer 3.0.
- 3 year warranty
- All Office 97 applications will be compatible with the new mouse allowing the user to transfer zooming, scrolling and data zooming to the mouse.

MIC205 Microsoft Natural Keyboard **$79**
AUS168 MS Home Mouse **$49**
MIC542 MS Intellimouse **$85**

Encarta 97 + Encarta World Atlas



Save the moments, share the memories with Microsoft Picture It! and your pictures, you can dazzle family and friends with greetings cards, calendars, collages, album pages and more, complete with backgrounds and templates.

MIC516 Encarta 97 Enc **$59**
MIC517 Encarta 97 Atlas **$59**

MS Picture it!

Save the moments, share the memories with Microsoft Picture It! and your pictures, you can dazzle family and friends with greetings cards, calendars, collages, album pages and more, complete with backgrounds and templates.

MIC539 Picture It! **$69**

Jurasic Park Chaos Island

Think fast. Move even faster. You control a team of scientists stuck on an Island packed with prehistoric perils!

Sidewinder 3D Pro Joystick

Make it your joystick, your strategy, your game!

Take control with the advanced programmability of Microsoft sidewinder precision pro.
With it's programmable button functions and fully digital-optical technology, Microsoft Sidewinder Precision Pro give you the speed and accuracy to make every game your game!

MIC544 MS SideWinder 3D Pro & HellBender **$85**
MIC355 MS SideWinder Pro **$69**
MIC546 MS SideWinder Game Pad **$59**
MIC349 MS SideWinder Standard **$45**

MS Greetings Workshop

Create the quality of Hallmark at home! Easily create Hallmark-quality cards, announcements, calendars, certificates, banners, signs, and more with your home computer and Microsoft Greetings Workshop!

MIC538 Greetings Workshop **$35**

Money 97

Smart finances start with MS Money 97.
A solid stratagy. A plan that puts your finances in order and your mind at ease. With MS money, you have everything you need to manage your day-to-day tasks - from paying bills to planning your financial future.

AUS214 Money 97 ..... **$39**

Close Combat

Based on World War II's operation market garden, close Combat:; A bridge too far challenges you to take control of 5 strategic bridges in occupied Holland

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

MICROSOFT

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

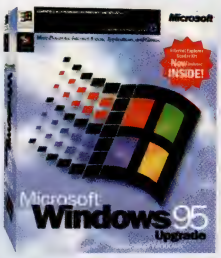
EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Windows 95

Over two years into Windows 95 and it has never been out of the top two selling Software Warehouse (UK) charts! This ground breaking upgrade to Microsoft Windows replaces Windows 3.1, Windows for Workgroups 3.1 and all versions of MS-DOS. It's robust, fast and features integrated multimedia, networking and a fantastic new interface!

Includes Internet starterkit 3.0

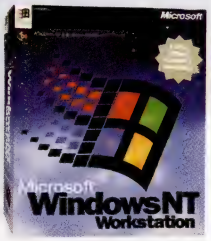
New Interface:Smarter, easier to use interface features longer file names and simpler file and document management.
Bigger, smoother video:Windows 95 is a powerful 32 bit operating system that lets your computer process more data effectively making the quality of the video you see vastly better.
Plug-and-play upgrades: Upgrading your PC is easier. No more complicated installation with AUTOEXEC.BAT and CONFIG.SYS. Just look out for upgrade boards and peripherals that feature PnP compatibility. True multitasking: With Windows 95 you will be able to take advantage of true multitasking for the first time on a PC. You'll be able to open multiple applications.



Buyers guide to Windows NT and Windows 95	Windows NT Workstation 4.0	Windows NT Workstation 4.0
What is it?	An Industrial-strength operating system for business applications now with the Windows 95 user interface	The easiest operating system for generalbusiness and home users
What you get	• Higehest level of performance • Less emphasision backward compatability	• Increased reliability and performance over Windows 3.1 • Greater emphisis on backward hardware and softwae compatibility • Plug and play • Bettre mobile and games support
What you need to run it	• 16Mb of RAM • 140Mb of hard disk space	• 8Mb of RAM • 40Mb of hard disk space

Windows NT Workstation 4.0

Combines the ease of use of Windows 95 with the power of Windows NT. Windows NT workstation 4.0 combines the ease of use of Windows 95 with the reliability and security that have made Windows NT a success in the demanding workstation marketplace. This release also includes built in networking support, providing secure easy access to the internets. new administrative features now make it easier to manage and control, which helps reduce the total cost of operation. The newest version of Windows NT Workstation includes these benefits: Greater ease of use of the Windows 95 user interface. Windows NT Workstation also includes Windows NT Explorer, providing users a hierarchical view, or tree of each drive and folder on the computer. Peer Web services enable low-volume personal Web publishing in corporate intranets.



WIN072 **MS Windows 95 on CD U/G** **$139**
WIN071 **MS Windows 95 on 3.5 U/G** **$139**
MIC464 **MS Windows NT Workstation 4.0** **$399**
MIC486 **MS Windows NT Workstation 4.0 U/G** **$189**

Microsoft Visual Studio 97

Microsoft Visual Studio 97 is the complete of visual tools from Microsoft.

Microsoft Visual Studio 97 Professional Edition gives developers the tools and flexibility to create high-performance Windows and Internet applications. Visual Studio 97 Professional comes with Microsoft Visual Basics 5.0, Visual C++ 5.0, Visual InterDev 1.0, Visual FoxPro 5.0 and the MSDN library Developer Reference CD-ROM. Visual Studio 97 comes with a license for one developer. Microsoft Visual Studio 97 Enterprise Edition adds the power of multi-tier, scalable solutions to Microsoft Visual Studio 97 professional. Visual Studio 97 Enterprise Edition gives developers the tools to integrate client/server development with Internet technologies.
In addition to the suite of award winning development tools found in the Professional Edition, Enterprise customers will get the Microsoft Transaction Server, SQL Server 6.5 Development Edition, Visual SourceSafe 5.0 and Integrated Transact-SQL debugging from Visual Basic 5.0 and Visual C++ 5.0,.
Visual Studio 97 comes with a license for one developer. Microsoft Visual Studio 97 Enterprise Edition includes everything within the Professional Edition and adds the ability to scale client/server solutions to the Enterprise with integrated support for SQL, transactions and team development. Microsoft's comprehensive suite of award winning development tools in one economical package. The developer deal of the year.

Features Benefits

- Super fast applications with the native code compiler.
- Applications created with VB 5.0 run up to 20 times faster.
- Internet controls included.
- ActiveX control creation.
- Activex web application creation.
- Build state of the art Internet/intranet based applications.
- Make existing apps integrate with the internet using internet controls.
- Quickly build ActiveX controls that can be used by Internet browsers.
- Reduce cost of ownership through decreased setup and maintenance
- Intelligent design environment.
- Higher developer productivity: create applications faster and easier.

MIC692 **Microsoft Vis/Studio Pro 97 Ed** **$279**
MIC685 **Microsoft Vis/Studio Ent 97 U/G** **$1289**
MIC736 **Microsoft Vis/Studio Pro 97 CD** **$1299**
MIC682 **Microsoft Vis/Studio Pro 97 U/G** **$639**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4
Hot Deals	5
Business	7
Graphics	19
Utilities	26
PERIPHERALS	
Networking	41
Multimedia	43
Storage	52
Inputs	52
Printers	54
Scanners	57
Modems	59
Miscellaneous	62
Early Learning	59
Leisure	64

Microsoft Visual Basic 5.0

Microsoft Visual Basic 5.0 is a rapid application development (RAD) tool. It's the most efficient tool for creating high-performance applications that run on Windows 95 and windows NT

Easily create ActiveX controls that can be reused in many different development tools, including Visual Basic, Visual C++, Microsoft Office and Microsoft Internet Explorer. Convert existing applications developed with Microsoft Visual Basic 5.0 to ActiveX Web applications which can be automatically installed and run in an Internet Browser. In addition the Enterprise Ecition is for teams of developers building solutions for large organisations. it includes Microsoft SQL Server and tools for fast data access, SQL debugging, distributed transaction processing and team development for database and object oriented analysis.
Microsoft Visual Basic 5.0, with an integrated native code compiler, is the most efficient tool for creating high performance win 32-based applications and components. Build fast Windows based applications more efficiently and quickly than ever before. Create ActiveX controls with little or no codes and create ActiveX Web applications for the Internet and intranet. The fastest way to build high performance Windows applications Visual Basic 5.0 has Native Code Compile, so applications developed in VB will run up to 20m times faster.Has intellisense technology that makes developing in VB even faster and easier. With over 3 million developers, VB is the best selling and most widely used development too in the world.

BVG028 **MS VIS Basic V5 Learning Edition CD** **$129**
MIC265 **MS VIS Basic PRO V5 CD** **$649**
MIC352 **MS VIS Basic PRO V5 U/G** **$329**
MIC679 **MS VIS Basic PRO V5 C/G** **$389**
MIC753 **MS VIS Basic Enterprise** **$1559**
MIC684 **MS VIS Basic Enterprise U/G** **$889**

Please call for MOLP (Licence) pricing on volume Microsoft purchases.

Microsoft Visual J++

Microsoft® Visual J++ gives you everything you need to create the best Java™ applications - fast.

MIC485 **Visual J++** **$119**

Microsoft Visual C++

MIC371 **Visual C++ V4 CD Pro Intel Version CD** **$499**
MIC562 **Visual C++ V4 Standard CD (NEW!)** **$125**
MIC370 **Visual C++Pro V2 U/G** **$325**
MIC369 **Visual C++ Pro V4 NT U/G** **$239**

Visual InterDev

MS Visual InterDev the newest member of the visual tools family, empowers, web applicatin developers to rapidly build fully interactive, dynamic Web sites. wit visual development features and powerful database tools, Visual InterDev provides the most complete and technically advanced development system for building both intranet and internet applications.

MIC753 **Visual InterDev** **$699**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.
VISA MasterCard AMERICAN EXPRESS bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

HOT DEALS

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

HP ScanJet 6100C with slide adaptor

Includes slide adapter

NEW!

Creative communication scanner

- Input mode scanning software or from within software applications using OLE or TWAIN
- Up to 600dpi; 2400dpi enhanced resolution
- 30-bit (1 billion colours) internal, 24-bit (16.7 million colours) external
- 10-bit (1024 levels of grey) internal and 8-bit (256 levels of grey) or 4-bit (16 levels of grey) external

HWP240 **HP Scanjet 6100C.....$1239**

FREE HP ScanJet Combo Deal

HEWLETT PACKARD

HP ScanJet 5p Colour Desktop Scanner

Image and Document scanning at the push of a button.

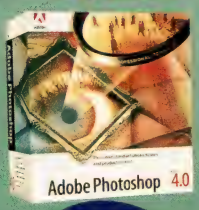
- The push button front panel launches the scanning process, an innovation that makes it easier than ever for first time users to capture images and text
- 24 bit colour/8 bit greyscale with 300 dpi optical and 1200 dpi enhanced resolution
- Energy saving features for low power consumption
- Bundled CD-Rom Containing on-line tutorial and HP AccuPage technology for enhanced optical character recognition
- CD-Rom also includes PaperPort by Visioneer, which launches automatically during scanning and allows the user to organise, file and copy to other applications with point-and-click ease
- Includes OmniPage Lite OCR Software

Buy Photoshop 4.0 oem*

ONLY $669* Adobe

STOCK CODE: HWP166

and get a Hewlett Packard scanner FREE



Professional image manipulation

Adobe Photoshop allows you even greater scope to express your imagination with a range of features that improve and enhance what is already the worlds leading photo design and production tool.

Photoshop Features

- Key new features include Actions, The Navigator, Free Transform, Digital Watermarking.
- Edit scanned images, digital photographs and computer generated images.
- Prepare images for the World Wide Web & more!

HWP243 **OmniPage Pro 8 & Photoshop + HP 5P Scanner.....$899**
HWP244 **OmniPage 8 Upgrade separately.....$299**
ADO033 **Photoshop Upgrade separately.....$300**
HWP120 **HP ScanJet P5 separately.....$469**
HWP241 **HP ScanJet Document Feeder.....$589**
HWP242 **HP ScanJet Transparency.....$659**

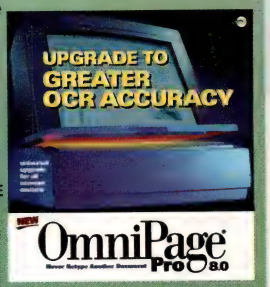
Buy OmniPage Pro 8.0 u/g*

ONLY $719* OmniPage Pro 8.0

STOCK CODE: HWP175

and get a Hewlett Packard scanner FREE

Greater OCR Accuracy with OmniPage Pro 8.0



Omni page pro8.0 the latest version of the world's best selling optical character recognition (OCR) software, lets you quickly and easily convert scanned pages into computer editable documents, more accurately than ever before. Other new features include enhanced integration with Microsoft Word, and multithreading for faster processing.

- Unsurpassed accuracy over 99%+ ACCURATE
- AutoOCR Toolbar provides one click OCR
- Maintains format (columns, graphics, etc of original documents
- Scan, OCR and edit documents simultaneously with multithreading support
- Great features like OCR Wizard, format retention, and deferred recognition
- Combine automatic and manual zones on a single page with NEW zooming
- Includes OmniPage Pro 6.0 for Windows 3.1 users

+ on laser quality documents

WINDOWS 1995 WIN 100 · WINDOWS 95 COMPLIANT · PC WORLD

*Please Note: OEM packaging; Packaging shown for display purposes only
Full software – Includes online help, however manuals not included

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multimedia guide
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunciation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

BUSINESS SOFTWARE

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

WinFax Pro 8.0

Hassle free faxing, anywhere, anytime!

SYMANTEC.

True background faxing allows you to continue working while your fax is being sent. Send faxes twice as fast thanks to enhanced file compression. The world's best-selling fax software just got even better with the new Delrina Pager. Have your computer page you to alert you of incoming fax messages. Best of all, WinFax PRO's fax quality has never been better - even faxed photos will look great.

It's easier, faster, and smarter. Why waste time printing out documents and feeding a fax machine? Fax right from your computer. WinFax PRO™ is easy to install and use step-by-step wizards which show you exactly what to do.

Look more professional with laser-quality faxes

WinFax PRO ensures clean, laser-quality faxes every time. *YOUR FAXES WILL LOOK GREAT. AND SO WILL YOU.*

Help your small business save time and money.

Get your documents out faster and your money quicker - fax right from you favourite Windows programs. Send contracts, bids, invoices, and more in seconds. And save on phone charges by scheduling faxes for off-peak hours.

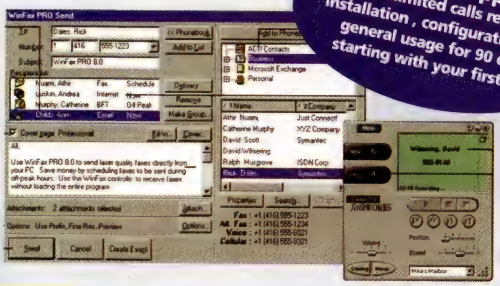
Stay in touch on the road.

WinFax PRO turns your laptop PC into a portable fax machine. You can send and creative faxes from anywhere. Need a hard copy for a presentation? Just fax it to the hotel front desk.

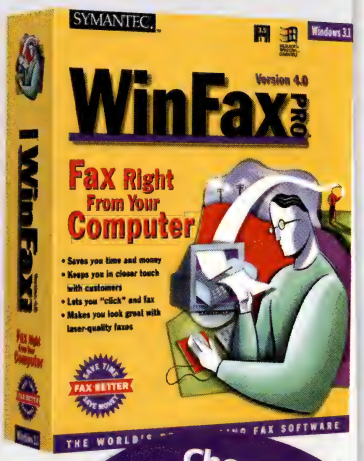
Ideal for corporate workgroups. WinFax PRO provides and economical, low maintenance fax solution. It's made for Windows® 95 and Windows NT®, and works as a network client for NET Satis=AXtion™ for Networks.

Get a total communications solution with TalkWorks™.

Turn your computer into a sophisticated voice messaging system, with multiple mailboxes, speed dialling, fax on demand, and more. Keep track of past calls - TalkWorks automatically logs every call you receive.



Technical Support
Make unlimited calls regarding installation, configuration and general usage for 90 days starting with your first call



Choose a Winner!
WinFax Pro wins more awards and is chosen by more PC users than any other in the world. Now includes voicemail capabilities!

Features
- Professional laser quality faxes
- Group fax sending
- Save time fax directly from any windows program
- Shares modems or phonelines
- Works on networks

Designed for Microsoft Windows 95

CD

EDUCATIONAL pricing AVAILABLE

STOCK CODE: SYM068

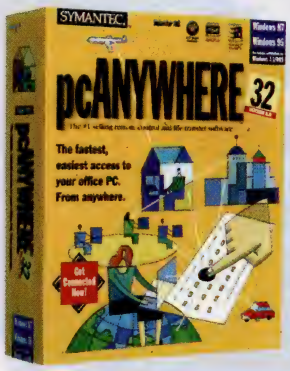
$125

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

pcAnywhere 8.0

Easy remote access to PCs from anywhere, anytime!



Saves you money on long-distance calls!

pcAnywhere 32™ for Windows 95 and Windows NT is the fastest, easiest way to remotely access PCs, applications, and information from a home or office PC or network. Make quick, easy connections via modem, network, or the Internet to check e-mail, remotely support clients, download files, or simply run remote applications. Expanded Internet support, with SmartList and advanced security options, allows you to easily and safely access your PC while saving on long-distance phone charges.

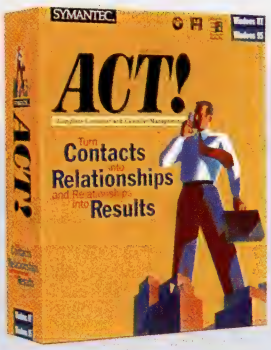
EDUCATIONAL pricing AVAILABLE

Features
- Enhanced performance– 20% faster than previous versions, to increase productivity and minimise connection costs.
- AutoXfer– Automatic file transfer and synchronisation quickly and easily provides you with the most current version of remote files
- ColorScale– Improves screen refresh rates so you can work faster
- SpeedSend– Transfer only the parts of the files that have changed. Fast.
- Optimised desktop– Unique speed options disable host wallpaper, screen savers and full window dragging, for faster remote control.

SYM170 pcAnywhere V8.0 ..... **$209**

Symantec ACT!

Get ACT! Get Results!



Complete customer & calender management

Turn contacts into relationships and relationships into results with ACT!™ for Windows. A ready-to-use contact database and integrated calendar make ACT! the most complete solution for effectively managing your business relationships. Know your clients well. ACT! gives you instant access to important facts about your clients and customers. Collaborate with others. ACT! makes it easy to share information with other team members for more effective sales calls. Plus, ACT! has networked calendar functions that make it easier to schedule meetings.

EDUCATIONAL pricing AVAILABLE

Features
- Flexible customer database– Get started right away with 70 preset user fields
- Customise the database with your own fields, custom screens and on-line forms
- Work in form or list view
- Find contacts fast with instant lookups
- Attach files, such as spreadsheets and documents, to your contacts
- Record date and time stamp notes for each contact

SYM053 ACT 3.0 WIN 95/NT CD/3.5 ..... **$249**

SYM081 ACT 2.0 WIN 3.1 3.5 ..... **$199**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

BUSINESS SOFTWARE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

M.Y.O.B.

Australia's own, world class accounting software

AUSTRALIAN OWNED · AUSTRALIAN MADE

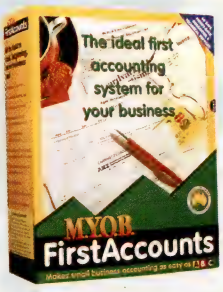
M.Y.O.B. IS AUSTRALIA'S FAVOURITE USED BY OVER 90,000 BUSINESSES

The M.Y.O.B Family of accounting software all share a common aim - make real accounting power accessible to everyone. With M.Y.O.B. you will get on top of your accounts fast - no need to wrestle with debits and credits. M.Y.O.B. makes it easy - simply fill out familiar forms (cheques look like cheques, invoices on screen look just like they do on paper). Meanwhile M.Y.O.B. maintains full double-entry journals - just how your accountant wants - behind the scenes!

M.Y.O.B. is the most acclaimed accounting software ever!

PC WORLD · Home Office Computing PICK · Australian Macintosh Gold Class Award · Australian BEST BUY PC User

Just some of the many awards won by M.Y.O.B. Accounting.



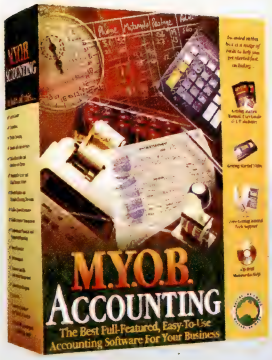
M.Y.O.B. FirstAccounts

Your ideal first accounting system. M.Y.O.B. FirstAccounts makes it easy for you to track income and expenditure, reconcile bank statements, create and print invoices, statements, and purchase orders, track who owes you money and who you owe money to. Produce Profit & Loss and other key reports with a mouse click.

Outgrow personal Finance Programs?
Unlike personal finance programs M.Y.O.B. FirstAccounts is designed exclusively for business. It has the features small, but growing businesses need. You can easily move up to M.Y.O.B. FirstAccounts with out re-entering any transactions.

MYO010 M.Y.O.B. FirstAccounts **$175**

M.Y.O.B. Accounting v7



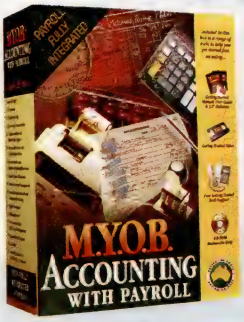
Bulging with powerful features yet is just as easy to use as all M.Y.O.B. products. It's the perfect partner for growing business and has class-leading reporting, inventory and purchasing management as well as unmatched flexibility.

Features include General Ledger, Chequebook, Sales & Receivables, Purchases and Payables, Powerful Inventory management with automatic build, buy and back-order. Includes over 100 management and financial reports.

"...a fun, flexible package that balances functionality with ease of use."
Price Waterhouse report, PC Magazine.

MYO026 M.Y.O.B. Accounting **$345**

M.Y.O.B Accounting WITH Payroll v7



YOUR PAYROLL SHOULD BE FULLY INTEGRATED.

M.Y.O.B Accounting with Payroll gives you all the power and flexibility of M.Y.O.B. Accounting plus a fully-integrated Payroll system. Process your payroll and the rest of your accounting system is instantly updated. Your payroll is an integral part of your accounting system as it impacts your general ledger and bank accounts.

Calculates PAYE deductions, superannuation, holiday and sick leave. Prints group certificates, paycheques and generates file for your bank to auto-pay staff via bank transfer.

MYO027 M.Y.O.B. Accounting with Payroll..... **$489**

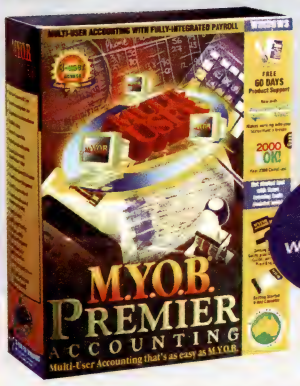
What the experts are saying

"M.Y.O.B. offers a feature-rich product in an accessible package."
Australian Personal Computer

"M.Y.O.B. offers a good balance between usability and accounting functionality. It's designed around the revolutionary idea that business systems should go beyond accounting tasks and helps people manage their business in other ways." **PC Magazine**

"Let's say you're not an accountant, but you need the power of accounting software. Then what you need are the plain-English pleasures of M.Y.O.B... [it] stands out as software that makes you smarter."
Home Office Computing

Multi-user accounting that's as easy as M.Y.O.B



M.Y.O.B. Premier Accounting

All the features of M.Y.O.B. Accounting with Payroll plus additional features tuned for multi users.

Introducing the world's finest multi-user accounting system. Premier brings the power, flexibility and award winning ease-of-use of M.Y.O.B. to multiple concurrent users. Includes access for 3 concurrent users - additional licenses easily added.

MYO023 M.Y.O.B. Premier (3 User License)..... **$899**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an international company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

BUSINESS SOFTWARE

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Borland JBuilder

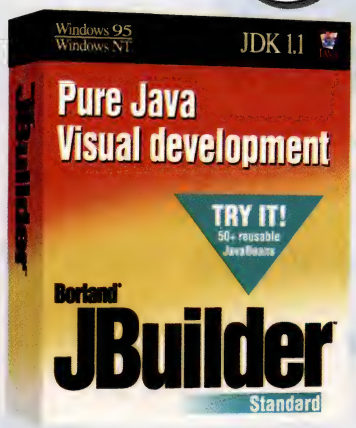
NEW PRODUCT

JBuilder delivers 100% Java code creation in a fully scalable, extensible and reliable environment

With its 100% pure Java code creation, JBuilder's most productive visual development environment will give your company a competitive edge. JBuilder provides what your business requires most: scalability, extensibility, and reliability.

JBuilder's best database integrates and support allows the creation of professional business applications that scales from the desktop all the way to the Enterprise.

JBuilder's open architecture based on JavaBeans delivers an unmatched extensibility that lets you create, use and reuse JavaBean components. By supporting industry standards, JBuilder lets you create applications that won't confine you to a proprietary standard. In addition, JBuilder provides a reliable environment based on the latest JDK 1.1, a solid architecture, and a well-proven compiler technology.



Academic pricing available

Features

- Component Designer lets you visually design Java components or applications
- Large library of reusable BAJA/Java Bean components
- Supports 3rd party and user defined components
- Two-way tools keep visual design and source code in sync
- AppBrowser provides fast negation and management of source code.

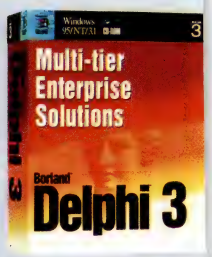
Stock Code BOR170

$149

Borland Delphi 3.0

Delphi 3.0 the high performance RAD tool for windows and C/S development.

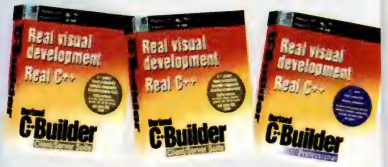
Delphi 3 delivers a competitive advantage to the professional developer by combining visual component-based design with the worlds fastest compiled performance and the most comprehensive set of client and server development tools for creating distributed enterprise and Web-enabled applications



BOR147	Delphi 3.0 Professional	$799
BOR150	Delphi 3.0 Professional U/G	$259
BOR151	Delphi 3.0 Professional C/G	$459
BOR148	Delphi 3.0 Client Server	$2599
BOR152	Delphi 3.0 Client Server C/G	$2219
BOR153	Delphi 3.0 Client Server U/G	$1309

Borland C++Builder

Real Visual Development. Real C++ Now, for the first time, use C++ for all stages of development, from prototype to production. With new C++Builder, you get the unprecedented power and control of C++ in a fast, flexible, and visual Rapid Application Development (RAD) environment.



BOR138	C++Builder Standard 1.0 -CD	$159
BOR139	C++Builder Professional 1.0-CD Crossgrade	$349
BOR140	C++Builder Professional 1.0-CD	$849
BOR141	C++Builder Client/Server 1.0 Crossgrade-CD	$2149
BOR142	C++Builder Client/Server 1.0-CD	$2599
BOR143	Learn to Program with C++ Builder 1.0	$89

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

IBM VoiceType Simply Speaking for Windows 95 & NT

NEW PRODUCT

IBM's new dictation software, VoiceType Simply Speaking, is for anyone who would rather talk than type. Imagine sitting in front of your computer and simply saying what you would normally type. Just plug in the headset microphone, which is included in the box, complete the easy installation process and start using your computer in a new, fun and productive way.

VoiceType Simply Speaking uses IBM's award winning VoiceType speech recognition technology and is the result of more than two decades of IBM research and development expertise. This means that every component of the program has been developed and tested to the highest industry standards.

VoiceType Simply Speaking works on desktop and mobile computers and is ideal for students, home computer users and small offices. It requires Windows 95, and a Pentium 100 MHz computer with 16 MB RAM, 38 MB of free hard disk space, a double speed CD-ROM drive, and a SoundBlaster 16 or MWave compatible sound card.
Now virtually anyone can start talking to their computer with IBM VoiceType Simply Speaking - it's fun, fast and easy.

Whatever you normally type, you can simply say it with VoiceType Simply Speaking

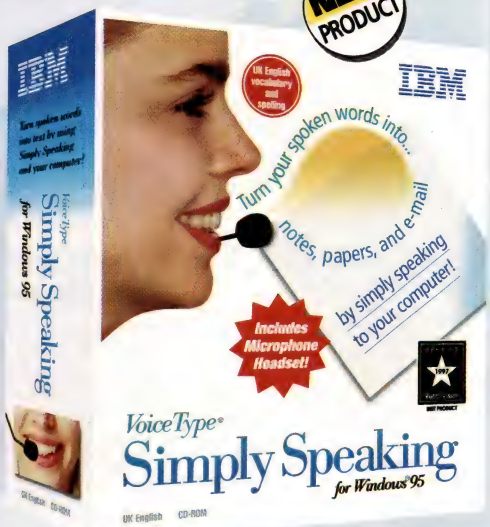
* Catch up on correspondence
* Dictate e-mail
* Complete Essays, theses, reports and more!
* "Simply speak" lesson plans, lectures and speeches
* Finish writing that book!

Typical Uses

* Correspondence
* E-mail and faxes
* Reports
* Essays and assignments

Features:

- Typical accuracy of over 95% after optional enrolment
- VoiceType Simply Speaking learns as you use it, steadily increasing in accuracy
- Recognises 'discrete' speech (speaking with a slight pause between words) at speeds of 70-100 words per minute
- Includes a vocabulary of 30,000 UK English words, with room for 27,000 additional words
- Dictate with your hands and eyes free
- Full audio playback of your dictation if required for corrections



Designed for Microsoft Windows 95

STOCK CODE: IBM070

$89

IBM071	Simply Speaking Gold	$195

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday

VISA MasterCard AMERICAN EXPRESS bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

BUSINESS SOFTWARE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Business & Marketing Plans -The Easy Way

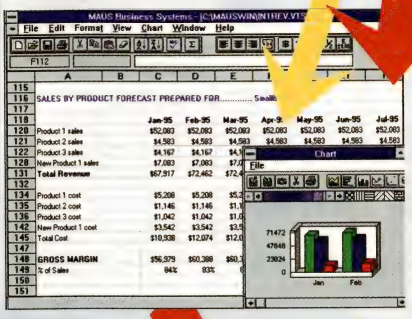
Save 50-90% of the time to prepare a plan!

MasterPlan is designed for people who need a winning, professional Business Plan instantly. Its simple language reinforces its user-friendliness, explaining every process. A step-by-step question and answer format enables you to construct full financials, text and graphics at the click of a button. MasterPlan will also easily instruct you how to analyse and develop your business.

Topics covered include Sales Analysis, Market Analysis, SWOT Analysis, Marketing Plan, Financial Plan, and much more. Australian written and tested in the field, this program has been tailored specifically to meet the needs of Australian users and is suitable for both product and service businesses in any industry. With MasterPlan, your Business Plans will be more effective, more impressive, and greatly improve your chance of achieving success.

FREE Spreadsheet program and Word-processor!

100% Australian for Australian businesses



Market Analysis

MasterPlan will help you carry out a comprehensive SWOT analysis of your business. Its in-depth analysis of your company, products, competition and industry will enable you to capitalise on opportunities and prepare for potential threats in the marketplace.

Automatic Financials

Simply type your key expense and sales assumptions into the financial program and let the computer do the rest! Statements automatically calculated include Profit & Loss and Cash Flow statements, Sales Forecasts, Break-Even Analyses and Graphs. Just released, the new version even includes a Balance Sheet, Ratio Analysis, Actual v's Budgeted Comparisons and new user friendly Financial Wizards!.

Runs on Windows 3.1 & Windows 95

Key Uses

- Raise finance
- Increase profits
- Manage expansion
- Start a new business
- Impress your boss

Key Benefits

- Creates complete Business Plans
- Suitable for business people of all levels
- Creates full financials & graphs
- Includes a simple step-by-step tutorial

Why choose MasterPlan?

- Finalist 1995 & 1996 - Channel 9 'Small Business Show' software awards contested by over 400 companies.
- 100% Australian with 1000's users across Australia.
- Used in TAFE & University courses Australia wide including MBA Programs.
- Recommended Resource - NSW Government's 'Export Access Program'.
- Used by Agribusiness students at Melbourne's Monash University to win an International Business Planning contest.

What the Press are Saying

"The brilliance of this system is that you're led through the entire process step by step... the results will be as good as anything a professional would have provided for you"
Your Computer Magazine

"(MasterPlan)... is a business tool par excellence, turning a grim chore into a fast, pleasant exercise... Extensive templates make the program a breeze to use"
Australian Small Business & Portfolio

Product Summary

- MasterPlan - Level 1 (Standard) : Software to help you prepare a simple Business Plan only and a full set of accompanying financials. Suitable for loan applications.
- MasterPlan - Level 2 (Professional): Software to help you prepare either a simple Business Plan or a more detailed Business Plan which incorporates a full Marketing Plan and analysis. Includes full financial analysis, a follow up program which doubles as a Time Management tool and a FREE Business Planning workbook. Suitable for loan applications, analysing and improving an existing business, launching new products, or starting a new business.

AUS500 MasterPlan for Windows – Level 1 Standard **$119**

AUS501 MasterPlan for Windows – Level 2 Professional **$185**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **Bodyworks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

BUSINESS SOFTWARE

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

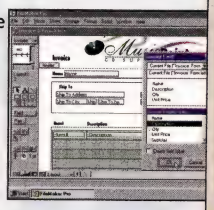
EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

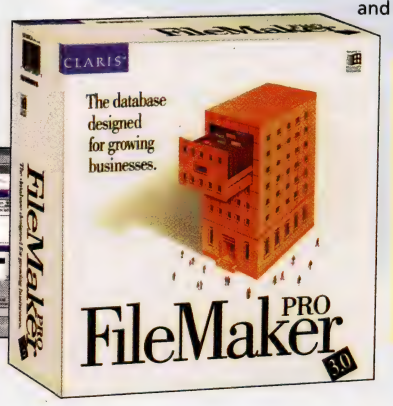
Claris FileMaker Pro

The easy to use relational database!

Filemaker Pro 3.0 is the only relational database application designed to help you easily manage and share information in the real world.

Starting with raw data, it's fast and easy, to create working databases on the Macintosh, Windows 95, Windows NT, or Windows 3.1.
In fact, Filemaker Pro comes with a complete set of professionally designed templates for instant business, education and home solutions. When you're ready to customise your database, FileMaker Pro has a set of powerful, yet extraordinarily easy-to-use tools that will take you well beyond where standardised wizards and other assistance technologies leave you. Create stunning input screens, reports, labels and mail merge letters in a flash. Automate frequently-used procedures and sequences - and much more. You don't have to become a database expert in order to take advantage of FileMaker Pro software's full potential! Nothing makes it easier to organise all your vital information and put it at your fingertips.





Users of FileMaker Pro 3.0 can now employ text rulers (inches, centimetres or pixels), tabs, indents and formatting within any text field in their database record or layout for better looking reports, letters and faxes.

Runs on Windows 3.1 Windows 95 Windows NT

Features

- **Professional Templates** - Get started quickly with over 40 ready-to-run productivity solutions for business, education and home – including invoicing, mailing lists, contacts, tracking, home inventory, school records and more.
- **Relational Database Power** - Increase the power and flexibility of your databases by creating one-to-one, one-to-many, and many-to-many relationships between files. View and edit data from one file while working with another.
- **Data Handling & Variable Filed Length** - Add, change or remove fields, layouts or calculations at any time without rebuilding the database. Add notes and comments to any database record with up to 64,000 characters in any formatted fields.

STOCK CODE: CLA011

FileMaker Pro 3.0 .. **$259**

CLA015 FileMaker Pro 3.0 U/G **$119**

CLARIS

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Claris Home Page 2.0

The essential Web page authoring tool!

Claris Home Page lets you design and develop powerful, customised Web pages in minutes - without having to learn HTML or programming. home page delivers the capabilities and tools you've been seeking - Frames, Tables, Libraries and more - in a cross platform solution that provides incredible ease of use, an intuitive WYSIWYG interface, Drag and Drop page development, as well as the flexibility and power experienced users want such as editing and manipulating HTML code. Claris Home Page is the best way to build dynamic Web pages for the Internet in just minutes.

Claris Home Page 2.0 Features

One-Button Site Publishing
Automatically consolidate all images needed in a site, then easily upload them to your web server.

Client-Side Image Maps
You can create and edit client-side image maps in addition to the existing support for server-side image maps.

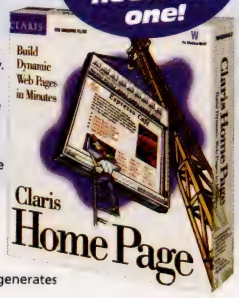
Variable Table Columns and Rows
Position the width of columns and the height of rows easily.

Extensive Multimedia Plug-In Support
You can include Apple QuickTime, Macromedia Shockwave and other popular plug-in files in your documents.

Spell-Check Feature
This feature checks the entire document - all the text in the main body, in the table cells, form fields and titles.
The spell-checker is HTML savvy in that it will not spell check the HTML tags.

Drag and Drop Tab Delimited Text
When you drag and drop tabular information created in other applications into Claris Home Page, it automatically generates a table for the information.

All your Netmail needs in one!



Stock code: CLA022

$99

CLARIS

ClarisWorks Office 5.0

NEW VERSION

The smartest all-in-one software for business, education and home!

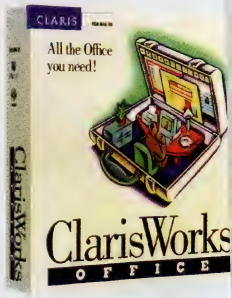
The ClarisWorks Office is the fourth version of Claris' popular integrated software application.

It combines an intuitive, all-in-one design with expert assistance and time-saving automation features in a single, easy-to-use program. With extensive new word processing capabilities (including an HTML translator for creating World Wide Web documents) and enhanced database reporting, it has the power to manage demanding computing tasks and new time-saving automation features. The newest version of this full-featured word processor, spreadsheet, database, graphics and slide show software adds more than 100 new features while still providing excellent performance. Only ClarisWorks Office shares one file format across platforms. It sports full 32-bit design, Windows 95 "look and feel", OLE 2.0 client and drag-and-drop support, and long-format file naming.

Spreadsheets, word processing, databases and graphics, all in the one packeage

Features:

- The ExpressStyle feature redefines the stylesheet metaphor, enabling users to instantly format not only text and paragraphs, but also graphics, outlines and tables.
- FastReport automates searching, sorting, and reporting of frequently used data
- ReadyArt Libraries allow users to store and organise frequently-used clipart images (500 images are included).
- Mail Label, Home Finance, and Certificate Assistants supplement more than 40 other Assistants and templates to offer step-by-step guidance and expert advice on document layout, design and content or help with complex tasks.



Stock code: CLA043

$169

CLARIS

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL
SOFTWARE WAREHOUSE Pty. Ltd.

BUSINESS SOFTWARE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Lotus SmartSuite 97
The only desktop solution for your team!

SmartSuite 97 delivers a complete set of up-to-date, 32-bit applications specifically designed to take advantage of Windows 95 and Windows NT. Each application provides support for long file names, drag and drop, multitasking, and many of the other features of these advanced operating environments.

Office suites have changed substantially since the category in the late 1980s. From loose collections of applications, such as spreadsheets, word processors and databases, suites have evolved to offer consistency among applications, cross-application integration, and streamlined access to applications, files and tools. SmartSuite 97 delivers specialised tools for finding, publishing and sharing Internet information. It also features Team Computing which defined the standard for desktop based collaborative tools. SmartSuite 97 delivers advanced workflow, cross applications automation,and more aggressive exploitations infrastructures with full 32-bit applications which exploit the operating environment.

With SmartSuite 97 you have tools to find and retrieve all the information you need. Users need to personalise their applications and much of SmartSuite is configurable to suit your individual needs.

Designed to take advantage of Windows 95 & Windows NT

The suite that brings the world to your desktop!
SmartSuite 97

- **Lotus 1-2-3 97** is a completely redesigned, 32-bit spreadsheet that delivers a host of new and enhanced capabilities to automate everyday tasks and simplify processes.
- **Lotus Word Pro 97** provides users all the tools they need to quickly and easily create powerful, compelling, great-looking documents.
- **Lotus Approach 97** leads the database world in delivering an unparalleled combination of ease-of-use and power.
- **Lotus Freelance Graphics 97** continues its long tradition of simplifying the creation and delivery of highly effective presentations.
- **Lotus Organiser 97**, the award-winning personal time management system, is now a complete 32-bit product with support for Windows 95 and Windows NT.
- **Lotus ScreenCam 97** is a fast, easy way for users to show what they mean when they can't be there in person. With ScreenCam, a PC acts as a VCR to record every on-screen click, scroll, and action. Captions and sound can be added to create mini-movies, delivering marketing messages, on-line tutorials, or product demonstrations. These on-line movies can be shared with anyone, even if they do not have ScreenCam installed. ScreenCam is a completely redesigned, 32-bit application.
- **Lotus SmartCenter 97**, the Suite's customisable command centre, keeps users organised and gives them ready access to their work-in progress, calendar and address book, and even the Internet. Just a click away, SmartCenter's drawers provide a central place for users to get the latest news and weather, organise the day's work, find reference material, or write themselves a reminder. New drawers in SmartCenter 97 give users fast automatic links to the Internet to search for information and favourite bookmarks, and get just-in-time help from Lotus Support Pages on the Web.

Every application in the suite includes a host of innovations and improvements designed to help users:

- Increase their individual productivity
- Access data from anywhere
- Leverage the power of the Internet and Intranets
- Share and collaborate more efficiently

Lotus

STOCK CODE U/G CD: LOT500

U/G $339

DocuMagix PaperMaster live 3.0

Put a real file cabinet inside your PC!

Award-winning PaperMaster is a powerful paper manager that puts a real file cabinet inside your Windows or Windows 95 PC. Because it's software, PaperMaster file cabinet can be unlimited in size, and lets you file, find, fax or e-mail all your papers instantly, It even lets you copy, annotate and edit documents and it saves you time in filling out forms.virtual Typewriter, sticky-notes, freehand annotations, highlighters, stamps are all available to give you all the operations that you would have with a real piece of paper. With PaperMaster, you'll have an easier time filling out memos, letters, receipts, spreadsheets, magazine articles, tax returns or even business cards in either black and white or colour! Anything that you want to file can be, even documents from the internet or a Windows application and if you can't find that file by name you can still visually find it or use it's amazing AutoSearch capability that allows you to find by title text, annotations or by any word! To save and manage all this information, PaperMaster lets you save and organise your papers in a real file cabinet with an easy-to-use cabinet, drawer and folder look and feel. All in all this is definitely the software to get you organised in no time at all!

What's new in PaperMaster Live

- Full 32 bit version for Windows 95 and NT 4.0;
- Direct connection to the World Wide Web; Inter (SMTP) e-mail support;
- New annotations (Highlight, stamp, straight line, Freehand);
- Share Cabinets across networks (simultaneous multi-user access);
- Drag image files directly from Windows Desktop or Explorer; Drag Web pages directly from your Web browser;
- Custom drawer icons (import, screen capture or draw your own);
- Manual crop tool; View and edit image file of a document while the original remains unchanged in the in the file cabinet;
- Open cabinets on read only media-supports read-only media such as networks, removable drives and CD ROM's allowing you to protect your documents form being modified as well as allowing multiple user access to the file cabinet at the same;
- Enhanced auto search - search for the name of the folder, or drawer as well as the document.

Designed for Microsoft Windows 95

STOCK CODE: DOC002

$219

Features

- Organise all your faxes e-mail and all your on-line documents!
- File once, find, fax, copy, e-mail, edit or annotate instantly.
- Scan 7 fill out forms effortlessly.
- Create easy-to-use cabinets, drawers and folders
- Colour,grayscale or black & white support
- Import & export images
- Keep things personal with passwords!
- Backup, restore and archive all your papers! Includes fax management, copies,OCR capabilities and much more!

Customers love PaperMaster!

"A fantastic product - This product is great for my business" — *Gary Parkin* - Lansdale

"Much better than the software that came with my product" — *Bob Cutter* - Chicago

"Anyone that owns a scanner should own PaperMaster. Without it, it's like buying pencils without erasors. Thank you for a great product!" — *Jeff Girard* - Norcross

"Of all the lousy software that touts its Windows 95 compatibility and that are really useful, I can only say that your product was the best purchase I've made...You have a great product, and it loaded so easily that I had to check it!". — *Mark Yoshihara* - Sacremento

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P.2

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

FormTool '97

Quickly and easily create professional forms

FormTool 97 is the easiest way to create, fill and automate any form. With its powerful and easy-to-use design and editing tools, you will creating professional looking forms and saving time and money. FormTool 97 is the easiest and fastest way to automate any form. FormTool 97 now includes networking features including sign and send and electronic approvals. With a click of a mouse, you can add lines, circles, check boxes, pictures, text and more in colour. Included in this package are over 400 professionally created form templates: Invoices, purchased orders, expenses, reports and many other commonly used forms! Customise any form with your log and address in minutes. Your whole entire office can access and fill out forms over your network. And to get your office started, we've included a 3-user form-filler license. Then you can use FormTool's e-mail ready "Sign and Send" feature to electronically route your approval.

FormTool 97, used by over 600,000 users is ranked by PC Data as the #1 forms tool.

Top Features

* New networking features include: Electronically send the form to a group of people via your e-mail system, signature block for electronic approvals, and the ability to protect the data to the layout and field level with password control.
* FormTool 97 allow users to store, sort, and create reports with the new relational database feature. Access data directly from any X-Base compatible format, Dbase III or IV.
* Easy form design or customise your choice of over 400 pre-designed forms.
* Separate Filler module allows other users to access a FormTool form across a network for filling as well as accessing associated data.
* Familiar Microsoft Office compatible interface. Menus and floating toolbars all user standard MS names and images which make them easily recognisable.

- *Includes 400 professionally created templates applications*
- *Send & Sign Feature*

IMS022 FormTool 97 ..... **$129**

IMS049 FormTool 97, 5 user **$419.95**

IMS050 FormTool 97, 15-49 user **$63each**

IMS051 FormTool 97, 50-99 user **$50.50each**

IMS052 FormTool 97, 5 100 +user **$37.80each**

Designed for Microsoft Windows 9

IMSI

WINDOWS 3.1 COMPLIANT WINDOWS 95

WINDOWS 1995 WIN 100

Net Accelerator

Go 12x Faster on the Internet!

NetAccelerator speeds you through more of your favourite pages by maximising the efficiency of you modem, browser and telephone line. Whenever you pause to view a site, NetAccelerator stays busy behind the scenes seeking out available links and downloading the related graphics and text. When you choose a link, the downloadable page appears instantly.
NetAccelerator adds the efficiency you need to get the most from your time Online. NetAccelerator is the most efficient way to navigate the Internet by saving your time and money.
NetAccelerator speeds you Internet Explorer or Netscape web browsing by using the idle time of your modem, intelligently load web pages in the background. Whenever you pause to view a site, NetAccelerator stays busy behind the scenes seeking out available links and downloading related graphics and text. When you choose a link, pictures and text appear instantly! Users will benefit by having faster access to web pages without any special hardware. NetAccelerator works with standard modems, ISDN and direct network connections.

Features:

- Look-ahead catching including graphics
- Intelligent caching, utilising the built-in caching support form Internet Explorer or Netscape
- Automatic updates from the web
- Support for both Netscape and Internet Explorer on the same machine (including multiple instances)
- 32 bit only
- Small installation size (2.0 MB)
- Support for Netscape 2.0 and higher Internet Explorer 3.0 and higher

Includes Internet FastFind from Symantec. A suite of powerful search utilities for the Internet.

IMS021 NetAccelerator **$49**

WINDOWS 3.1 COMPLIANT WINDOWS 95

WINDOWS MAGAZINE 1995 WIN 100

Designed for Microsoft Windows 95

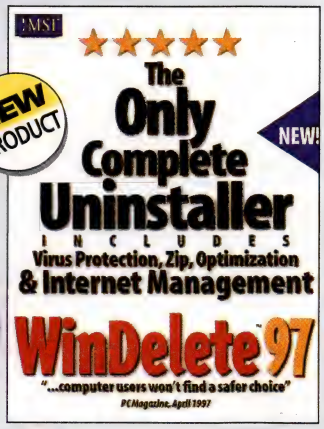
IMSI™

WinDelete 97

WinDelete 97 - The Only Complete Uninstaller

Your system performs at its peak when it has plenty of disk space to use. WinDelete 97 is the safest and most effective uninstaller that can tell the difference between the garbage and the critical information on your computer's hard drive. WinDelete 97 is the most efficient way to manager your system. Also includes three powerful utilities: full virus protection, a zip utility, and a Windows 95 benchmark making and optimisation tool.
It works with Windows 95 and Windows NT 4.0.

NEW PRODUCT



WinDelete 97 Gets Rid Of:

- Obsolete applications
- Duplicate applications
- Unnecessary system files
- Unused icons
- Unneeded fonts
- Lost chains and temp files
- Forgotten backup files
- Nonessential art and multimedia files
- Clutter from the Internet
- & tones of other random useless garbage that you don't even know is hogging your hard drive and crippling your PC's performance.

Includes Internet Management & Full Virus Protection

IMS051 WinDelete 97 ..... **$49**

WINDOWS 3.1 COMPLIANT WINDOWS 95

Designed for Microsoft Windows 95

IMSI™

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

BUSINESS SOFTWARE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Business Planner

Business Planner helps businesses construct Business Plans.

SoHO BUSINESS SOFTWARE

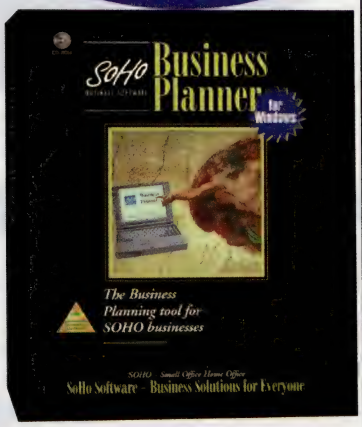
Business Planner is designed for SOHO (Small Office/Home Office) businesses but with sufficient rigour to be used by larger businesses. An on-line database contains Section Headings window which is your gateway to all sections needed for a comprehensive Business Plan and the unique Section Assistant explaining what the user should consider for each section of their plan. Business Planner also contains Section Template windows that provide sentence prompts that can be used for each section. A proforma plan is also supplied on the database.

Business Planner also comes with an integrated word processor and spreadsheet.

Business Planner runs under all versions of Windows and supports Dynamic Data Exchange allowing users to copy documents into their plans and export plans to their own word processor.. Multiple plans can be stored multiple plans can be opened simultaneously.

An on-line help and a glossary of planning terms are also supplied.

Business Solutions for Everyone



Designed for Microsoft Windows 95

Developed and made in AUSTRALIA

SOH001 **Business Planner** **$129**

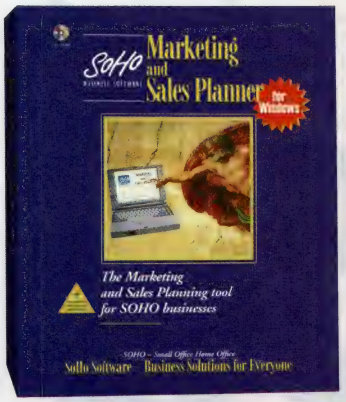
Marketing and Sales Planner

Marketing and Sales Planner helps businesses construct Marketing and Sales Plans.

Marketing and Sales Planner is designed for SOHO (Small Office/Home Office) businesses but with sufficient rigour to be used by large businesses. It contains all you need to construct a comprehensive Marketing and Sales plan and with the unique Assistant Windows prompting and explaining what the user should consider when designing their plan. Including in each section of Marketing and Sales Planner are Template windows which contain sentence prompts. A proforma plan is also supplied of the database. Marketing And Sales Planner also comes with an integrated word processor and spreadsheet facilities.

Marketing and Sales Planner runs under all versions of Windows and supports Dynamic Data Exchange allowing users to copy documents into their plans and export plans to their own word processor. Multiple plans can be stored and multiple plans can be open simultaneously.

An on-line help and a glossary of planning terms are also supplied.



Developed and made in AUSTRALIA

Designed for Microsoft Windows 95

SoHo BUSINESS SOFTWARE

SOH002 **Marketing and Sales Planner** **$69**

Business Writer

SoHo BUSINESS SOFTWARE

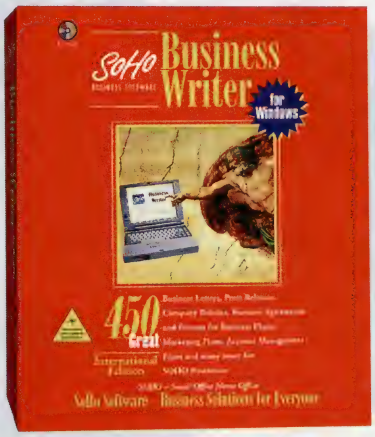
450 Great Business Letters

Press Releases, Company Policies, Legal letters, Business Agreements and formats for Business Plans, Marketing and Sales Plans, Account Management Plans and much more for SOHO (Small Office/Home Office) .

Documents are stored on an on-line database and can be retrieved into Business Writer's word processor. Business Writer runs under all versions of Windows and supports Dynamic Data Exchange, allowing users to copy documents to their own word processor. New documents can be created and stored in an on-line user database, together with variable fields for later replacement.

An on-line help and glossary of business terms are also supplied.

Always have on-hand the right marketing and business letter.



Featuring:

- **Marketing Letters**
- **Business Letters**
- **Legal Letters**

Designed for Microsoft Windows 95

Developed and made in AUSTRALIA

SOH003 **Business Writer** **$55**

(Also sold separately)

125 Marketing Letters

125 Marketing and Sales Letters. A subset of Business Writer, it comes with the full functionality of Business Writer including an on-line help and a glossary of business terms.

SOH004 **125 Marketing Letters** **$19.95**

125 Business Letters

125 Business to Business Letters for customers and suppliers.

A subset of Business Writer, sold separately comes with the full functionality of Business Writer including an on-line help and a glossary of business terms.

SOH005 **125 Business Letters** **$19.95**

125 Legal Letters

125 Legal Letters, Notices and Agreements. A subset of Business Writer sold separately comes with the fully functionality of Business Writer including and on-line help and a glossary to business terms.

SOH006 **125 Legal Letters** **$19.95**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multimedia guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunciation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801

Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

BUSINESS SOFTWARE

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

MapInfo Desktop

The power to make better decisions

Free Australian Map data worth $1847

Analyse and understand your business data with remarkable clarity and speed.

Uncover hidden opportunities you knew were there but could not see.

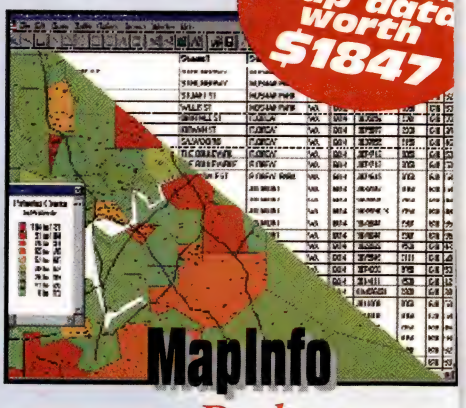
Reveal - By layering your data together with the help of maps, MapInfo Desktop creates a picture of your business revealing new relationships, patterns, and trends.

Present and share your results professionally and effectively.

Too much information is locked away and hidden from view inside spreadsheets and databases. They hold your data. But they're not giving you the whole picture.

MapInfo Desktop unlocks information. It reveals patterns, trends and opportunities you didn't know were there. It turns your Excel, Lotus, dBase and ASCII databases into easy-to-use graphic business tools to help you make smarter, more informed business decisions and more powerful and effective business presentations.

And to help you make even more sense of your data, included is Australian map data including postcode shapes and more, valued at **$1847 - Free.**



Ideal for:

Sales & Marketing:
- Competitor locations
- See exactly where your best prospects live
- Study sales trends and patterns
- Direct mail analysis
- Test marketing
- Choose the optimal site for a business location
- Analyse real estate data
- Analyse marketing programs
- Expand into new markets
- Track insurance risks

Distribution/Routing
- Canvassing
- Delivery/Pickup
- Distance calculation
- Route planning

Government
- Resource allocation
- Public Opinion polling
- Tracking public works

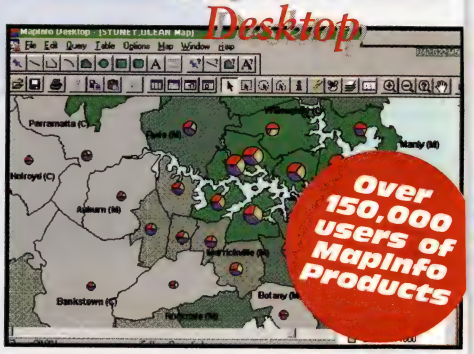
Emergency Services
- Call scheduling
- Hazardous materials control
- Fire hydrant location

Dispatching
- Address location
- History of activity
- Nearest station
- Zone Analysis

Analyse - Suddenly, you can see, analyse and understand your business data with remarkable clarity and speed

Uncover - Uncover hidden opportunities you always knew were there, but simply didn't have the tools to see... that's the power of desktop mapping.

Reveal - By layering your data together with the help of a map, MapInfo Desktop creates a picture of your business that is truly revealing. New relationships, patterns and trends begin to emerge, helping you to make faster, smarter, business decisions.



Stock Code MAP020
MapInfo Desktop (Windows)

$399

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Millennium Buster

The Millennium Bug - Is your computer year 2000 Compliant?

The safest and most economical solution to the "Year 2000" problem

Important for stock information, client databases, in fact just about all computer files.If your information is date based then you need to ensure your computer can cope with the turn of the century.

At exactly midnight on December 31 1999 something is going to happen and it could be the start of the biggest catastrophe the world has ever seen. It's 11:59.59 on December 31 1999, your computer clock is about to change to 00:00.00 am but its year function is only programmed to the Year 1999 - what is going to happen. Your PCs may well stop along with millions of other PC around the world.

Why? Because over 80% PC's are not programmed to handle the extra two digits required to get into the year 2000. PCs will crash and important information will be lost as PC as they struggle to cope with the new century.

It is for this reason that companies are now insisting that electronic information provided is provided on Year 2000 compliant PCs.

The only real way to test to see if your PC is compliant is a full diagnostic check of your PC's Hardware system. This can be carried out by the "Phase 9" Millennium Buster No. 1, a programme which shows what your PC's internal clocks will do when your PC enters the Year 2000.

If the diagnostic test carried out by Millennium Buster No.1 shows your PC to be non-compliant then use Millennium Buster No. 2 to render your PC Year 2000 compliant in less than five minutes and at a fraction of the cost of a new PC.

The Millennium Buster has been thoroughly tested around the world and has conclusively proven to be today's simplest, easiest, and most cost effective method to provide both comprehensive diagnostics and a totally stable and reliable fix to ensure each PC is 100% Year 2000 hardware compatible.

Every PC, including those being purchased today, must be compatible with the Year 2000 changeover. If you think there is no rush - think again! Putting your PC hardware right as soon as possible will ensure that your PC is compatible with the current and future new software program releases. Take action now - the consequences do not bear thinking about.

MIL100 **Millennium Buster No.1** **$24.95**
Millennium Buster No.1 will check your PC to see if it is "Year 2000" compatible.

MIL101 **Millennium Buster No.2** **$89.95**
Millennium Buster No.2 will fix your PC making it "Year 2000" compatible.

Each disk can only be used once.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard American Express bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

BUSINESS SOFTWARE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Toolkit for Quality Assurance

Quality Assurance for your Business - ISO 9001 / ISO 9002

TQA includes all the tools you will need to develop a Q.A. system - just add your unique knowledge of your business!

Increasingly, businesses worldwide are recognising the benefits of implementing a Quality Assurance system - but many others are concerned at the time and cost that can be involved.

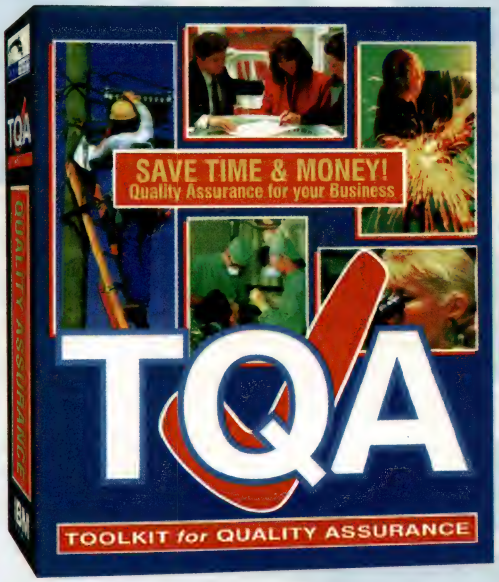
Qudos - TQA is a tried and tested solution to introducing your own Q.A. System - quickly, without fuss, and at very low cost!

Qudos TQA provides you with templates to develop your system documents. These are designed to suit your choice of Windows word-processor (Microsoft Word 6.0, Word Perfect 6.0. Microsoft Works 3.0 and above). They include: - a complete sample quality manual, a selection of sample procedures, template forms, minutes, signs and labels, plus a complete system checklist. To make your job even easier - Tech Tips are provided on the use of all 3 Word Processors!

A comprehensive guidebook is included to assist you in customising the templates to suit your business. It covers all relevant clauses of the international quality standards - ISO 9001 / ISO 9002, the audit and certification process, plus case studies on various industries.

On-screen training presentations for management and staff are also included.

Q.A. is simply good business practice. Most companies and organisations will already have some elements in place Qudos - TQA allows you to incorporate existing documents into your Q.A. system. Many systems based on Qudos-TQA are in use throughout the world and have helped a wide spectrum of users to achieve lasting benefits, external certification, and industry awards.



FEATURES
- ✔ Low price - only a fraction of typical consultant fees!
- ✔ Covers all ISO 9001 / ISO 9002 standards
- ✔ No need to learn new software
- ✔ Flexibly integrate existing documents
- ✔ Work at your own pace
- ✔ Can be used in any industry or profession.

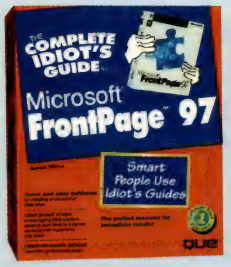
Designed for Microsoft Windows 95

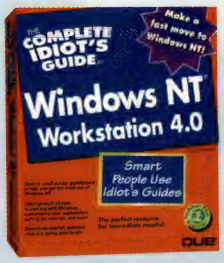
AUSTRALIAN MADE

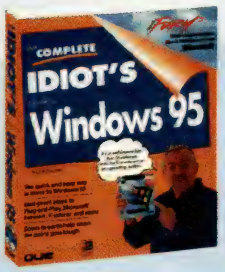
TQA001 TQA **$379**

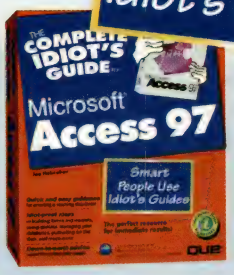
The Complete Idiot's Guides

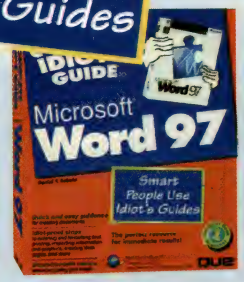
Smart People Use Idiot's Guides











MICROSOFT FRONTPAGE 97

This is the fun and easy way to learn the basics of creating your own Web site. The Complete Idiot's Guide to Microsoft FrontPage 97 presents all the information you need to know in a language that's easy to understand in an approach that's fun.

IDI001 MS FrontPage 97 **$24.95**

WINDOWS NT WORKSTATION

Push aside the bulky books! The Complete Idiots Guide to Windows NT Workstation 4.0 presents a quick, step by step overview of Windows NT 4.0. Its approach is perfect for new and upgrading Windows users who need to quickly take advantage of everything Windows NT 4.0 has to offer.

IDI002 Windows NT **$24.95**

WINDOWS 95

Unlock the secrets of Windows 95. The Complete Idiot's Guide to Windows 95 is ideal for beginners and casual users and presents in a light-hearted, entertaining approach that covered all the important features of Windows 95. You'll quickly overcome your computer-phobia and get on with enjoying and maximizing the use your computer.

IDI003 Windows 95 ..... **$24.95**

ACCESS 97

Access 97 boasts all kinds of new features - Web publishing capabilities, customizable menus Database Wizards and much more. Taking away the pain of databases, the Complete Idiot's Guide to Microsoft Access 97 presents all the information and tricks you need to know in a language that's easy to understand.

IDI004 Access97 ..... **$24.95**

WORD 97

Don't get left behind. Word 97 is now out and with the Complete Idiot's Guide to Word 97, cover all the basics of this new and powerful word package. Find out the easy way to format pages, use templates, create Web pages and much more.

IDI005 Word 97 ..... **$24.95**

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P.3.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Alcom LanFax NT 5.0 Server

for Microsoft Windows NT 3.51 and 4.0

Alcom is the leader of LAN fax server technology and industry pioneer.

Alcom LanFax NT 5.0 Server provides your network user with the ability to send and receive faxes from Microsoft Windows applications and full fax integration for Microsoft Exchange, MS Mail and other MAPI compatible mail systems. Alcom LanFax NT is certified for Microsoft BackOffice and rewarded with "Designed for BackOffice".

Alcom LanFax NT 5.0 is a true 32-bit application and operates as a Windows NT service for maximum performance and security. Alcom LanFax NT 5.0 supports Windows for Workgroups 3.11, Windows 95 and Windows NT workstations for faxing that is as easy as printing.

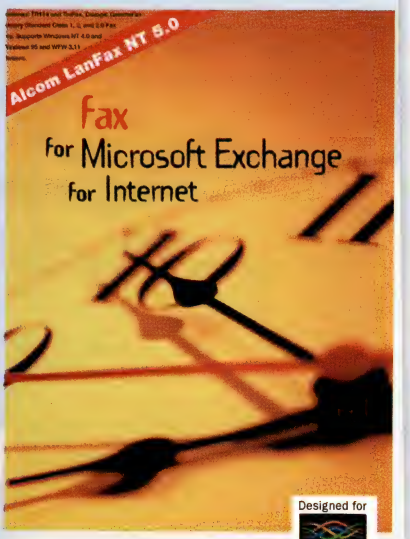
Microsoft Exchange Support

Alcom Lanfax NT 5.0 Server includes LanFax MAPI Transport for Microsoft Exchange. With ALcom LanFax NT 5.0, you can send faxes from Microsoft Outlook and Microsoft Exchange using your personal or global address book, include any attachments and click send. The fax message is automatically converted to Group 3 fax and sent out by Alcom LanFax NT 5.0.

And you can route faxes directly to your Microsoft Outlook or Exchange Inbox. The incoming faxes appear as an incoming message. Double click on the message and you can view your fax. Now you can use Exchange as your universal inbox.

Alcom Intrafax

Alcom LanFax NT Server 5.0 includes Alcom's new IntraFax. Alcom IntraFax allows desktop browsers to act as a front-end for Alcom LanFax NT 5.0. Intrafax provides an HTML interface to Alcom LanFax NT 5.0, allowing you to manage your fax mailbox through web browsers such as Netscape Navigator (2.2 and above) and Microsoft Internet Explorer (3.0 and above). Whether you are in your office, at home or on the other side of the world, simply enter the web address of your Alcom LanFax NT and login to access your sent and received faxes. Alcom IntraFax eliminates cross-platform compatibility problems, so you can now send and receive faxes from Windows, Macintosh, UNIX, Sparc station or any other platform that can use a Web browser with HTML 3.0 support.



Designed for Microsoft BackOffice™

Full product information at http://www.alcom.com

ALCOM

ALC001 **LanFax NT 5.0 Server (10 user license) $1,075**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Business Essentials

Small Business Advantage

A complete collection of business resources.

- Legal advisor
- Business plan
- Marketing plan
- Credit manager
- Reports and forms

GVA001 **Small Business Advantage $55**

Australian Phonedisc

The ultimate telephone directory on CD-ROM.

Over one million Business listings and six million Residential listings.

GVA002 **Australian Phonedisc $89**

1001 Essential letters

When you don't have time to start from scratch

Over 1,000 letters to fit every purpose. Give the specific names and details once and the program fills them in.

GVA003 **1001 Essential letters $55**

Translaters

All twenty five languages in one box

Universal Translator

Translate Web pages, documents and E-mail in 25 languages.

Perfect for business, students, translators, software developers, genealogists, Internet users...everyone.

Features

- Type in 25 languages
- Push button translation
- View and translate E-mail
- 25 language learning centers
- Multiple modifable dictionaries

GVA004 **Universal Translator $105**

The Rosetta Stone

3 million users worldwide

Award-Winning language learning through pictures.

The Rosetta Stone makes it possible to learn a new language the way you learned your first language: without translation, memorisation or studying the rules of grammar.

Features

- Rigorously designed program elicits user response and gives instantaneous feedback

GVA005 **The Rosetta Stone $75**

Screen Savers

The Women of PLAYBOY

The women of Playboy multimedia screen saver

Hundreds of sensuous images from five decades of Playboy Magazine.

GVA006 **The Women of Playboy $49**

Beavis & Butt-Head

Multimedia screen saver

Choose from 30 wallpaper stills. More than 80 video clips from 3 seasons of MTV's Beavis & Butt-Head.

GVA007 **Beavis & Butt-Head $49**

The Seinfeld CD-ROM

Includes new clips from the '94-'95 season

Nearly one hour of video clips, over 100 screen savers, planner and print shop.

GVA008 **The Seinfeld CD-ROM $39**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday

VISA MasterCard AMERICAN EXPRESS

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

WordPerfect Suite V8

Communicate. Collaborate. Connect to the World

Corel WordPerfect Suite 8 for Windows 95 and Windows NT redefines the office suite, fitting the way you work today and your needs of tomorrow. World-class application, graphics power, refined file management tools and powerful Windows features will empower your business communications, increase your productivity and optimise your workgroup collaboration.

Corel WordPerfect Suite 8 features

WordPerfect 8 - The worlds best word processor with improved Shadow Cursor and loads of new features.
- Versions - keeps track of document revisions for workgroup collaboration.
- Drawing layer - draw objects on top of text / grouped graphics, and add colour gradients.
- Internet Publishing Capabilities - edit or create your document in WordPerfect and publish it to HTML with support for embedded Java applets.

Corel Quattro Pro 8 - A powerful spreadsheet application that can import functions and macros form Excel and Lotus 1-2-3. With this application, quickly and easily create charts and formulas with a range of new and improved features.
- WYSIWYG Page View - work with your pages as they will appear when they are printed
- Cell Reference Checker - ensures accuracy by checking and fixing formulas that refer to other cells.

Corel Presentations 8 - The most intuitive presentation software with The Show Expert. With many improvements and new features, Presentations 8 will enable you to design professional presentations.
- Custom Audience - This new feature enables you to tailor your slide show to different audiences without saving multiple versions.
- Transition Effects - Choose form 120 effects to add excitement to your presentations
- Navigation Tabs - keep your bearing and move around quickly within your slide show.
- Show It - Publish your presentations of the Web with full support for animation, sound, graphics and video.

CorelCENTRAL - A new fully featured Information Manager. This application offers a wide range of features including:
- Conferencing - share information and have real-time voice conversations using your Internet connection
- Mailbox - send and receive e-mail messages using open Internet standards
- Calendaring and Scheduling - organise and keep track of your schedule, tasks, and create and track personal and assigned workgroup tasks.
- Address Book - store and access all your contact numbers / addresses through the suite.
- Flexible Card Files - store a wide variety of information, including contracts and inventory. Ultra-powerful linking technology lets you connect card file records, other files, and Internet addresses.

PLUS
- Corel Photo House - brings you easy photo editing
- Netscape Navigator - Internet Connectivity
- 10,000 + Clipart Images
- 1,000+ Fonts & 200+ Photos

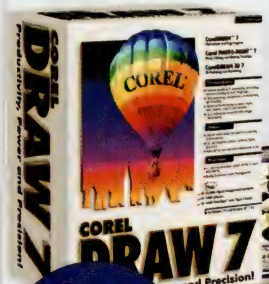
Stock Code COR257

$449

COR256 CD only Upgrade **$229**

DRAW 7

Productivity, power & precision!



Exceed the boundaries of traditional design with CorelDRAW 7. Created for the professional illustrator, graphic artist and desktop publisher, CorelDRAW 7 leaps ahead, capitalising on its strengths and giving you even more enhancements and features.

$100 Rebate Ends 15th November

No.1 for Graphics!

Packaged with Corel PHOTO-PAINT 7 for photo editing and bitmap creation plus CorelDREAM 3D 7 for 3D modelling and rendering, the graphics suite makes optimum performance a top priority by delivering faster Open/Save and Redraw across all applications. Increase your productivity with new context-sensitive property bars and a revolutionary customisable user interface that lets you edit icons, arrange toolbars, toolboxes and more.

COR491 Corel DRAW 7.0 (with $100 rebate) **$585**

COR492 Corel DRAW 7.0 U/G (v 3 or later) (with $100 rebate) .. **$279**

Family Tree Suite

Trace your roots with Corel Family Tree!

Corel Family Tree Suite is an ideal way to trace your roots and display and print them professionally in a variety of charts and reports. Research more than 175,000 surname histories, track medical information and addresses, and create family photo albums with this versatile program.

A comprehensive genealogy library contains over 55 million names and additional references. Photo-editing capabilities allow you to retouch old photographs, remove red eye and add dazzling special effects. Plus, with the programs Internet support you can create and publish your family Web page. Research back in history with Corel Family Tree Suite, a graphically sophisticated and easy to use genealogy program on CD-ROM.

Research over 175,000 family names

What the press is saying

Corel's Family Tree Suite has provided me with an impressive looking report to show for my labours and enough option to keep me interested along the way.

The suite is made up of three top notch Components Corel Family Tree, Corel Photo-House, Corel Family Publisher.

COR520 Corel Family Tree Suite **$109**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** - A collection of professional colour clipart
2. **Starfish Internet Utilities** - Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** - Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** - The most significant release of any CAD software this decade
5. **EZ Language Version 1** - EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** - A multimedia exploration of the life works of Leonardo da Vinci. (Use 3D glasses)

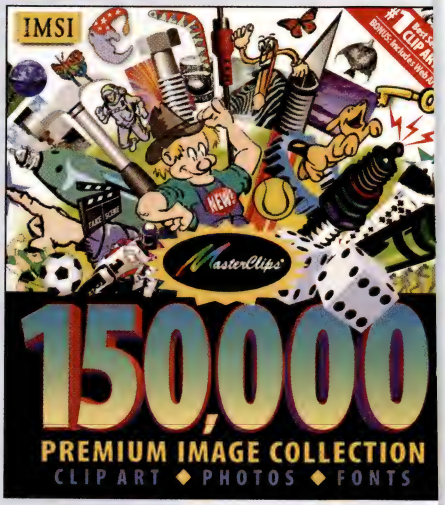
"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

MasterClips 150,000 Clip art

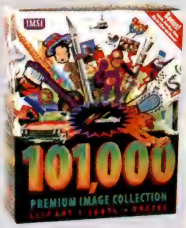


World's largest and best Clip art collection ever!

With Masterclips 150,000 you'll find all the images you need to create stunning newsletters, brochures, documents, greeting cards ,web pages, multimedia presentations, signs, banners and much, much more! Choose from a premium collection of dazzling clip art, spectacular MasterPhotos, True Type fonts, lively web icons, exciting sounds and captivating video clips. It's easy to perfect any design using MasterClips150,000!

Why MasterClips is the Premium Image Collection!

With MasterClips 150,000 you'll get an incredible collection that includes all the clip art, photos, fonts sounds, web images and video clips you've ever wanted. Each image has been hand picked to ensure the highest quality for maximum impact. You'll find a variety of art that will give all your creations 'the professional look'. Search for the perfect image using either the global cross-category browser or the printed image catalogues. With MasterClips 150,000, you get a truly remarkable , premium image collection!



MasterClips 101,000 Collection

Features
- 33,000 fully scalable, vector images
- 40,000 etchings, drawings and engravings
- 26,000 spectacular photos
- 2,000 dazzling True Type fonts
- 500 of the most popular sounds
- 20 captivating video and animation clips
- web icons to liven up your page

MAS011 MASTERCLIPS™ 101,000 ..... **$79.95**

MasterClips 35,000 Collection

Features
- 33,000 fully scalable, vector images
- 1,000 stunning photos
- 1,000 incredible True Type fonts
- 150 of the most popular sound effects
- full library of video and animation clips

MAS010 MASTERCLIPS 35,000..... **$45**

IMS015 MASTERCLIPS 35,000 (25 user pack) **$519**

CD

STOCK CODE: IMS011

$129.95

IMSI™

Designed for Microsoft Windows 95

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

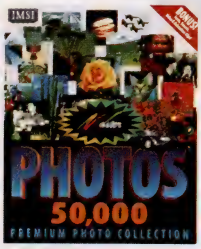
MasterPublisher

Master publisher Premium Publishing Suite gives you everything you need to be a Master Publisher in one package! TurboPublisher lets you lay out and design professional looking documents. TurboDraw, a full featured drawing and illustration program, helps you create impressive graphics quickly and easily. Also included in Master Publisher are 20,000 Premium MasterClips images, 1,000 stunning MasterPhotos, 2,000 MasterFonts and the powerful browser lets you use keywords and the unique cross-category search engine to instantly find the images you need. Master Publisher Premium Publishing Suite is perfect for newsletters, brochures, greeting cards, signs, presentations, the Internet, school projects, desktop publishing and much more!

AUS160 Master Publisher..... **$79.95**

IMSI™

MasterPhotos



50,000 Edition

MasterPhotos includes 41,800 professional quality JPG photos, including historical images and 7,800 professional quality JPG images in 16 million colours. European Art, statues and more categories, 400 master photos as well as all the fonts, sound effects and video you'll need for newsletters, signs, greetings cards, web pages, presentations, desktop publishing and much more.

SUPER VALUE

IMS035 Master Photos..... **$79.95**

IMSI™

HiJaak PRO V4

HiJaak PRO is the most comprehensive 32-bit toolkit available for the graphics professional.

What ever your graphic needs, this powerful set of tools helps you to do your job better and faster. HiJaak PRO converts 85+ formats - including 3D and full postscript allowing you to view and alter images without the original application. Supported formats include popular raster, vector, metafile and 3D formats.

HiJaak PRO gives you all the tools you need to help you do your job more efficiently.

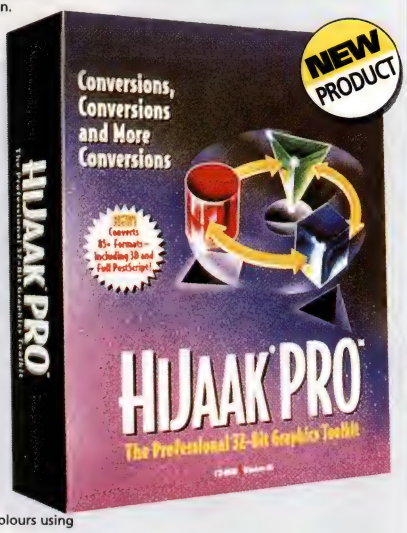
View Images

HiJaak PRO is a powerful program that lets you view, convert, capture, enhance, find and organise images. View over 85 formats without needing the original application. View multiple images in HiJaak PRO's main window. Also create and view extra large thumbnails of images (both 2D and 3D) from within the Windows 95 Explorer. Then launch HiJaak PRO right from the shortcut menu of the file to get the full view. Even view full PostScript Level 2 Files to confirm accuracy before sending them to your service bureau.

Enhance Images

Make adjustments to images easily! There is no need to start another editor to resize, flip, crop, rotate, smooth or grayscale or black & white images out of colour images. Reduce colours using diffuse, snap or halftone.

HiJaak PRO also converts raster to vector and prints images and thumbnails.



IMS050 HiJaak PRO V4.... **$139**

IMSI™

Designed for Microsoft Windows 95

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard American Express Bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

GRAPHICS

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

TurboCAD v4!

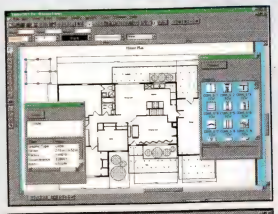
IMSI™

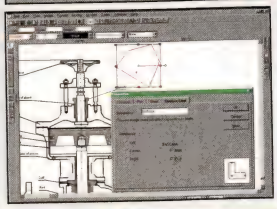
TurboCAD V4 continues to be the leading value in desktop CAD for the CAD hobbyist, home user or occasional professional user.

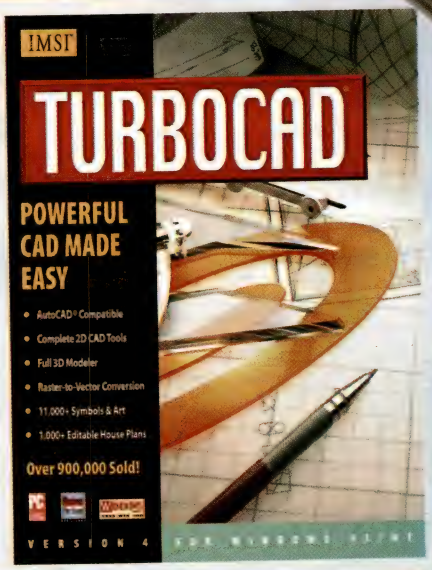
TurboCAD V4 offers a powerful solution for the easy creation, refining and communication of graphical ideas through drafting and design techniques. Built on an award-winning history, TurboCAD V4 delivers all the power and precision professionals need with simplicity. TurboCAD V4 is built around ease-of-use without compromising CAD functionality. The intuitive interface allows users to produce professional quality designs and diagrams in minimal time.

TurboCAD V4 offers a powerful solution for the easy creation, refining and communication of graphical ideas through drafting and design techniques. Built on award-winning success, TurboCAD V4 is build around ease of use without compromising CAD functionality or quality. The intuitive Interface allows users t produce professional quality designs and diagrams in minimal time.

These features, combined with advanced tools such as handle based editing, drag and drop symbols, single entry keyboard shortcuts, and raster to vector capability to make TurboCAD V4 the perfect CAD solution in its price range.







Features

- Handle-based editing
- DXF and DWG compatibility with AUTOCAD R13
- Basic interpreter and macro language
- Raster to Vector (Basic)
- Microsoft Office compatible interface
- Symbol browser
- Multi-level user interface
- Internet based help
- Online software synchronisation
- Single entry keyboard equivalents
- CAD edit bar with constraints
- Local context sensitive menus
- 1,000+ editable house plans
- 12,000+ Symbols & Art
- Full 3D Modeller

What the press Said:

"... It was clear to us that with TurboCAD V4 we finished the drawings more quickly and with less wasted motion, than on any other CAD product we can recall using over the past year..."

"...TurboCAD V4.0 is an excellent low-cost competitor to AutoCAD LT"

- Windows Sources Australia, May 1997.

STOCK CODE: IMS034

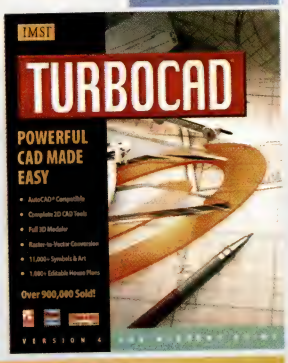
$189

WINDOWS MAGAZINE 1995 WIN 100 · PC Plus VALUE AWARD · PC Direct BEST BUY · AUTOCAD COMPATIBLE · CAD CAM RECOMMENDED · Designed for Microsoft Windows 95

TurboCAD V4.0 Professional

IMSI™

The Professional CAD product for user in corporate and small business environments. This product was designed for CAD professionals in corporate and small business environments and third party developers. In other words, anyone who uses CAD or works in a CAD-oriented environment will benefit from using TurboCAD V4 Professional. TurboCAD V4 Professional supports all CAD file formats including AutoCAD R12/R13 DXF and DWG. TurboCAD V4 Professional provides all the advanced features required by corporate and business professionals, whether they are involved in computer-aided design as their primary daily activity, or as a more limited component of their work practice. TurboCAD V4 Professional's exceptional ease-of-use, open architecture and integrated Software Development Kit (SDK) allow this version of TurboCAD to deliver flexibility and performance that meets and exceeds the expectations of the most demanding users.



Award Winning software:

Widows Sources Stellar Award (US)
PC Magazine Editors Choice (US)
Windows Magazine Win 100 (US)

Key Features:

- Handle-based editing
- Advanced filters for AutoCAD R13, DXF, DWF & DWG file formats, SAT (ACIS) solid models and EPS formats
- Customisable user interface
- Advanced Raster to Vector converter
- Microsoft Office compatible interface
- Software Development Kit allowing-access to TurboCAD's graphic engine
- Interence-based Internet Help
- Internet software synchronisation
- CAD Edit bars with constraints
- Full 3D modeller
- Local context sensitive menus
- Single entry keyboards equivalents
- 16,000+ Symbols and art
- 2,000+ editable home plans.

TUR012 Turbo CAD Pro **$499**

FloorPlan 3D Deluxe

IMSI™

Design your complete home, office or garden quickly and easily with Floor 3D Deluxe.

Its full set of precision drawing tools help you create custom walls, floors, doors and window, Complete your design by using thousands of symbols, then walk through it in accurate 3D. FloodPlan 3D Deluxe also gives you TurboCAD 3D to create accurate 3D models, Garden Designer, and complete garden layout and planning guide, Quick & Easy Estimator to get an accurate estimate of your project plus 1500 home an office symbols and 1,001 Home Plans from Homestyles. FloorPlan 3D Deluxe is the premium home and office design suite.

Also includes:

- Quick & Easy Estimator - import your materials list for a cost estimate
- Garden Designer- design your dream garden
- 1,001 best-selling HomeStyle FloorPlans

Features:

- Design your dream home and office in minutes
- Includes a complete set of design tools
- Over 1500 3D symbols including home and office furniture, applications etc
- 3D Modeler and Symbol Editor lets you create custom symbols and rendered 3D models

THR009 FloorPlan Plus 3D **$89**

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 90,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL
SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

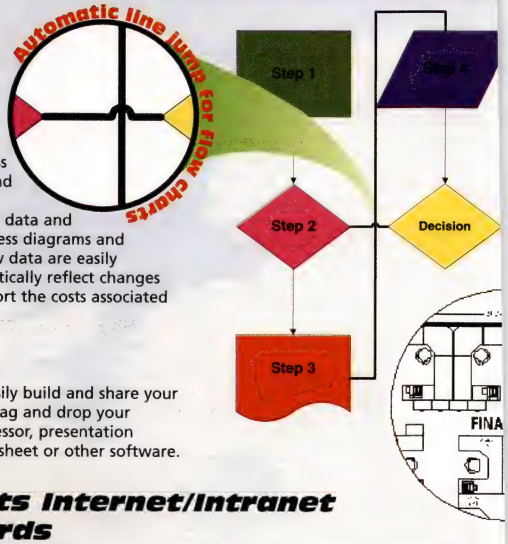
Visio Standard 5.0

The smartest way to create all your business diagrams

With Visio you can easily create any kind of business diagram - everything from timelines to network diagrams to office layouts.

Diagrams for all business users

Visio Standard is designed to help increase the productivity of mainstream business users by allowing them to easily communicate and track work projects and flow, reporting structures, and concepts or systems. Visio Standard allows business users to visualise information commonly stored and distributed in databases and spreadsheets, thus avoiding complex and time-consuming analysis of data and figures. In addition, dynamic links between business diagrams and the databases and spreadsheets that hold the raw data are easily integrated - so an organisation chart can automatically reflect changes in an employee database, or a flowchart can report the costs associated with a new process.

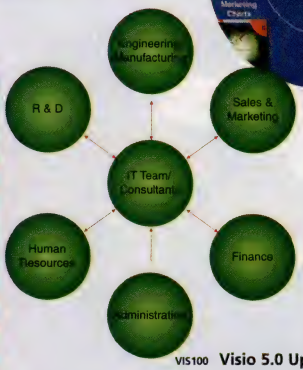


Microsoft compatible

Visio is Microsoft compatible enabling you to easily build and share your business diagrams. Best of all you can simply drag and drop your diagrams into any OLE compliant word processor, presentation package, spreadsheet or other software.

Ideal for :
- Quality
- Sales & Marketing
- Finance
- Human Resources
- Administration

Features :
- Flowcharts
- Project Timelines
- Block Diagrams
- Relationship Diagrams
- Organisational Charts
- Network Diagrams
- Total Quality Management
- Mid Mapping Diagrams
- Office Layout
- Marketing Charts
- Geographic Maps
- Directional Maps



Supports Internet/Intranet Standards

Visio Standard also helps you get your visual information out to the people you need to via its built-in support for Internet/Intranet standards (HTML and ActiveX) and document management standards ODMA).

ID	Task Name	Start Date	End Date	Duration
1	Luanch Product	19/08/97	19/08/97	1d
2	Visit Press	20/08/97	22/08/97	3d
3	Conduct Seminars	25/08/97	29/08/97	5d
4	Place Advertisements	1/09/97	1/09/97	1d
5	Seed Corporate Units	2/09/97	8/09/97	5d
6	Reseller Training	9/09/97	12/09/97	4d
7	Internal Staff Launch	15/09/97	15/09/97	1d
8	Press Release	16/09/97	16/09/97	1d

VIS100 Visio 5.0 Upgrade **$169**

VIS101 Visio 5.0 10 user license pack **$1825**

Designed for Microsoft Windows 95

$229

STOCK CODE: VIS099

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Technical

Create and share technical drawings

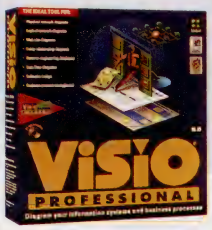
Visio Technical users are professionals using technical-orientated drawings. Visio technical is ideal for Engineers, designers, and architects who often need to communicate with technical measures and schematic drawings.
Visio Technical includes everything in Visio Standard as well as some powerful new features.
Its ability to import and export DWG/DXF files lets users share their Visio Technical drawings with AutoCAD users, and visa-versa. With Visio Technical's new Database Wizard, you can link a Visio Technical shape or drawing to external ODBC-compliant databases. It includes a 32-bit version for Windows, Windows 95 and NT 3.51 and Office 97 Compl ant.

VIS102 Visio Technical Upgrade **$299** **$479**

VIS103 Visio Technical 10 user license pack **$3849** **STOCK CODE: VIS107**

Visio Professional

For the IT experts!



Visio professional users are IT professionals- such as LAN Managers, IT directors, Database Analysts, Software Developers and Web Masters- and Business Process professionals. They need to visualise the IS infrastructure that underlies their organisation and the process that make their business run.
Visio Professional includes everything in Visio Standard and features great new content: new SmartShapes® symbols, like IDEFØ process shapes, over 350 new network equipment shapes; application development methodologies like Booch, Youdon, Fusion and more; all new wizards for database mapping and design/creation, web site and network diagramming; and improved database connectivity. In addition, Visio Professional includes Microsoft Visual Basic for Applications (VBA), making it even easier to create and distribute custom Visio solutions.

VIS104 Visio Professional Upgrade **$299** **$479**

VIS105 Visio Professional 10 user license pack **$3849** **STOCK CODE: VIS106**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard AMERICAN EXPRESS bankcard

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

CreataCard

Over 3,000 cards you can personalise and print!

Give your cards, signs, certificates, awards, invitations, and stationery a personal touch with CreataCard Plus.

CreataCard comes with a huge range of cards as well as tools to create cards from scratch with an easy and fun-to-use interface. Design cards for business or personal use, simply and quickly. You can even create your own Screen Saver

You need never forget to send cards with CreataCard Plus Forget Me Not Reminders. Remember important events with this built-in reminder system, including calendar and address book.

Use your address book to print envelopes, too.

MICROGRAFX

CreataCard Plus features:

- Signs, certificates, awards, invitations, stationery and more
- Personal Delivery - a remote printing and sending service.
- Tools to create from scratch and an easy and fun-to-use interface.
- Forget Me Not Reminders
- Picture Painter Screen Savers

MGF012 CreataCard Plus **$39**

CreataCard Gold 2

American Greetings CreataCard Gold is card creation software for the PC and more. Its enhanced creativity centre enables families to conveniently make and deliver personalised greeting cards, stationery, signs, certificates, stickers, labels, gift tags and more! Includes 4,500+ pre-designed personal expressions. You can personalise your expressions a little or a lot or create your own with 5,500 pieces of clipart and artistic designs - even use family photos and other personal images. Choose from over 100 special greeting card fonts.

Print envelopes from the address book

Email your cards directly to your recipient or have American Greetings print and mail your message for you. Remember important events with the Forget-Me-Not Reminder system.

MICROGRAFX

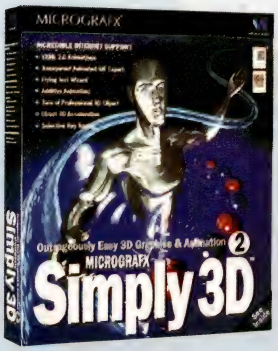
Features

- Entire line of greeting cards has been refreshed with over 1,000 new cards, a total of 4,500 cards
- New projects: labels, gift tags, stickers, name cards and post cards
- New designs for invitations, announcements, signs, certificates, awards, stationery and screen savers
- 2,000 new artistic designs and clipart, a total of 5,500

MGF111 CreataCard Gold 2..... **$65**

Simply 3D2

Outrageously easy 3D graphics and animation!



Simply 3D2 gives any user a powerful 3D and animation product, packed full of functionality.

This revolutionary new 3D and animation product has been designed to enable anyone to instantly add stunning 3D graphics and animations to documents, presentations and Web pages.

Its real-time modelling, drag and drop animation, and TEXT wizard combined with full Internet support through VRML2 and animated GIFs make this a highly productive and easy to use 3D graphics tool that is just waiting for your to explore!

MICROGRAFX

Features

- The Text Wizards that allow you to create 3D text, simply drag and then drop into any object or text
- Over 300 materials that you apply to your own objects
- 500 fully textured 3D clipart objects - in useful categories
- Drag and drop editable animations - just drop on animation and hit the play button
- Drag and drop light and material scenes - speed creation
- Web Ready VRML2.0
- Animated and transparent GIF output for Internet - create animated GIFs easier than ever
- OLE 2.0 support - use inside Microsoft Word, PowerPoint and other OLE 2.0 capable prods

MGF015 Simply 3D2 ..... **$115**

Windows DRAW 6 Premier Print Studio

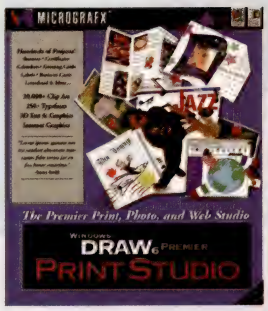
MICROGRAFX

Windows Draw 6 Premier Print Studio is the perfect application to accomplish print or web publishing projects for home and small business. It includes the following major applications and content:

Features

Windows Draw 6 Premier Print Studio is a general-purpose drawing, diagramming and publishing program. Some of its features include:

- Hundreds of creative print projects such as Wizard and templates, professional designs, project help and beginner and advanced modes. These can be used to create cards, invitations, newsletters, signs calendars and business cards.
- Web-page design including web-ready artwork, web-publishing wizard, GIF and JPG savers and animated GIG Wizard. Once a user has created the web page, the Wizard converts it to HTML format and copies it to the web so it can be viewed immediately.
- Graphics and publishing tools in one integrated suite. These include:
  - Drawing and publishing, photo editor: Micrografx PhotoMagic
  - Clip art management and fonts: Micrografx Media Manager and
  - 3D text and graphics: Instant 3D.



MGF110 Windows DRAW 6 ..... **$65**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd.

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

QuarkXPress 3.32 for Windows

The professionals choice for publishing software worldwide

Soon after QuarkXpress was introduced, it became the standard for excellence in professional publishing. It offered new flexibility and un-heard of precision. Today, QuarkXPress remains the layout and design choice of the world's top publishers. In fact, most of the magazines and newspapers you are familiar with are created with QuarkXPress (this one is). When you need to create business cards, annual reports, full colour brochures, magazines, or catalogue, your publications will benefit from the precision, power, and flexibility of QuarkXPress.

The power of QuarkXPress is harnessed by a simple, intuitive, and elegant interface. Behind the interface is one of the most powerful publishing programs available. Seven floating palettes work together to give you quick access to the sophisticated colour, tools, measurements, document layout, and library controls that have made QuarkXPress the industry standard.

QuarkXPress offers the most sophisticated features available in any electronic publishing program. The included Efi-Color XTension ensures that the colour you see on the monitor matches the colour the colour you get off the press. Built-in trapping controls ensures that colours on the page fit together. With variable-shaped text boxes, automatic drop caps, colour blends, and the ability to flip and scale page elements, you have unlimited possibilities for page design – and the powers to realise those possibilities.

QUA003 QuarkXPress 3.32 for Windows **$1669**

QUA095 QuarkXPress 3.32 MAC/PowerMac **$1949**

Freehand Graphics Studio

The Most Powerful Design Tools for Print & Internet Graphics

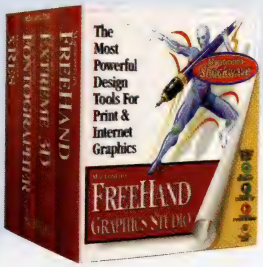
For Windows 95, Windows NT, Macintosh, and Power Macintosh

Move beyond the boundaries of print - take your designs to the digital edge of the Web with the FreeHand Graphics Studio and Macromedia Shockwave. This Studio contains everything you need for stunning graphics in any dimension. Bring the most powerful graphics software together in a single package.

Work seamlessly between all the tools in the Studio and with all your favourite applications.

Mac OS

Designed for Microsoft Windows 95



- **Freehand 7.0** The professional graphics tool for the Macintosh is now available for Windows. Long established as the tool of choice on the Mac, this latest version brings new levels of power, creative control and flexibility to professional graphic designers
- **XRes 3.0** a complete suite of hi-res image manipulation tools recently upgraded it now has full internet "streaming" support
- **Extreme 3D** The easiest and quickest way to move from 2D to 3D graphics with all the power the professional requires, now includes particle animation and meta forms for creating organic shapes and models
- **Fontographer 4.1** Gives you the tools to scan, edit or create your own fonts

MAC017 Freehand Graphics Studio 7 single user (Win) **$695**

MAC027 Freehand Graphics Studio 7 single (MAC/PowerMac) **$695**

MAC038 Freehand Graphics Studio 7 Education single user (Win) **$459**

MAC0041 Freehand Graphics Studio 7 Education single user (Mac) **$459**

Kai's Power Goo

Get Totally Warped with Goo Effects

With this Variety of tools you can GOO absolutely anything you want. Maybe the image of a friend or a member of your family, a famous politician even the family pet can't escape the effects of GOO. Watch on screen as you smudge and alter their image with the revolutionary tool palette that is so easy to use. Use fusion to blend pictures together. Combine the eyes of one image with the face of another.

"Prepare to be Goooed!!!"

KAI003 Kai's Power Goo (Win) **$94.95**

KAI003 Kai's Power Goo (Mac) **$94.95**

Freehand 7.0

FreeHand 7 has the fastest, most comprehensive set of design tools available for creating dynamic graphics and page design in print and on the Web.

Graphics creation and effects tools:

Create spectacular special effect with a complete, vector-based design environment and unparalleled support for bitmap formats, third-party effects filters, vector-based effects Xtras and FreeHand's own powerful effects tools.

MAC029 Freehand Retail (Mac) **$599**

MAC042 Freehand Retail (Win) **$599**

MAC043 Freehand Education (Mac) **$189**

MAC044 Freehand Education (Win) **$189**

Photo Soap

Clean up your image

It's a photo fact! You have to work with lousy photos now and then. So, make sure you've got Soap inside your computer. It fixes bad photos - better than anything else. Change and correct colours, fix "red eye" or remove wrinkles and scratches - all with the whisk of a brush. Crop, rotate, revise and close in real time. Yes, Kai's Photo Soap is a great way to clean up your image.

KAI015 Photo Soap (Win/Mac) **$95**

Bryce 2 Accessory Kit

Stunning Scenes in Seconds

Do you like Bryce? If so, you'll love the Bryce 2 Accessory Kit. Want to be able to access more textures without making them yourself? Want to have a greater choice of terrains and models? Want a sky setting that's just perfect for this job without tweaking for hours in the Sky & Fog controls? Then you'll want the Bryce 2 Accessory Kit - it's packed with modes, terrains, textures and presets - the Bryce 2 Accessory Kit gives you the ability to quickly create stunning Bryce scenes in minutes.

AUS401 Bryce 2 Accessory (Win) **$89**

AUS105 Bryce 2 (Mac) **$269**

Convolver

Manipulation Control

One of the best manipulation tools for Photoshop! KPT Convolver is the first program to unlock the incredible power of the Custom Convolution Kernel, that area od imaging mathematics that provides the empirical structures which generate well known effects like Blur, Sharpen, Emboss, Edge detection, Unsharp Masking and more, within a single advanced user interface designed by Kai.

AUS106 Convolver 1 (Win) **$185**

AUS402 Convolver (Mac) **$185**

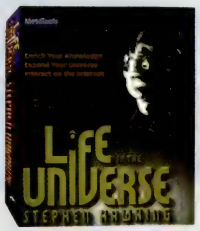
KAI012 Vector Effects (Mac) **$185**

Life In the Universe

Stephen Hawking

What is life? How did it start? Could it exist on other worlds? Join Stephen Hawking, author of 'A Brief History of Time', on an interactive multimedia adventure that explores "life in the Universe".

The eminent cosmologist and, Professor Stephen Hawking's new CD will show you! His animated "Phage" assistant points the way across virtual 3D terrains, teeming with original animation, through-provoking essays and science games.



KAI011 Life in the Universe **$75**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard AMERICAN EXPRESS bankcard

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Adobe Illustrator Version 7.0

Simply the finest illustration software

Award Winning

The award-winning Adobe Illustrator 7.0 simplifies the task of creating, manipulating, and refining artwork whether you're a desktop publisher, graphic artist, or on-line designer. Enjoy greater productivity with version 7.0's seamless integration with Adobe Photoshop and Adobe PageMaker programs, streamlined interface, speedy handling of large images, RGB colour support, precision, control of type, supports japanese fonts and more.

Compatibility: Seamless integration with the Adobe product family makes it easy to realise any concept. Or take advantage of new RGB colour support, and add your artwork to video. The new Web publishing features makes it easy to publish Adobe Illustrator artwork on the Web. Complete compatibility between the Macintosh and Windows 95 and Windows NT 4.0 platforms means that you can do your best work on the platform of your choice, and then freely move files between systems.

Enhanced colour management: Version 7.0 included ColorSync support for Macintosh and Kodak Digital Science CMC for Windows. Plus color separation support is built-in, for the impeccable quality you demand.

Match your imagination: Use multiple layers to overlay graphics and text, and freely add, remove, view, and hide any element. Choose from almost 50 special effects filter for distortions or nine art effects. Use improved sophisticated typographic tools and controls in Version 7.0 with convenient palettes, new vertical text tools.

Adobe

ADO047 Adobe Illustrator 7.0 (Win) **$729**

ADO054 Adobe Illustrator 7.0 U/G (Win) ..... Academic pricing available **$198**

ADO061 Adobe Illustrator 7.0 U/G (Mac) ..... Academic pricing available **$209**

Adobe Pagemaker 6.5

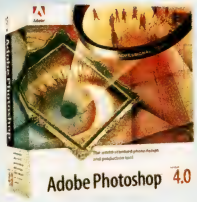
The hottest Desktop Publishing Software around

Open and work with files smoothly and easily.Adjust master pages and share files to keep projects on the move

ADO031 Adobe Pagemaker 6.5 (Win) ..... Academic pricing available **$979**

ADO032 Adobe Pagemaker 5.0 U/G (Win) **$199**

Adobe Photoshop 4.0



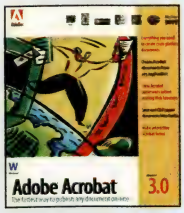
A camera for your mind

Create original artwork, correct colour, retouch images and prepare professional quality separations and electronic output with more flexibility than ever before.

ADO030 Adobe Photoshop 4.0 ..... Academic pricing available **$979**

ADO033 Adobe Photoshop 4.0 U/G **$299**

Adobe Acrobat 3.0



The fastest way to publish any document online

Create & share documents across platforms with their original look and feel intact.

ADO029 Adobe Acrobat 3.0 (Win) ..... Academic pricing available **$299**

ADO045 Adobe Acrobat 3.0 U/G (Win) **$109**

PaintshopPro - More than just a paint program!

NEW VERSION

Great Value

All the tools to create and edit all kinds of images, from web pages and photographs to screenshots and line drawings.

Plus screen capture and graphics conversion in a fast and easy to use package.

With a full range of brushes, extensive image controls, specially designed effects and support for industry-standard effects filters, Paintshop Pro offers the creative facilities of professional level products many times its price but remains fast enough for a quick change or a last minute polish. With screen capture and graphics conversion facilities its more than just a paint program and all at a remarkably low price.

Features

- Multiple selections
- Texture brushes
- Linear, Radial and Sunburst Gradient and Pattern Fills
- Choose any open image to use as a fill
- Create seamless tiles
- In-built special effects including Drop Shadow, Buttonize and Cutout
- Multiple line text with anti-aliasing and alignment
- Photo Retouching brushes allow you to apply photo retouching by hand Windows 95 and NT 4.00 only
- Supports Twain scanners
- Image format conversion

STOCK CODE: AUS224

$99

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P3.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd.

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

IMSI Masterclip s 35,000

IMS016

Only $19.95

Spend over $50 & Buy Masterclips 35,000 (CD's Only) - For Only $19.95, a saving of $25!

For a limited time only.

TuneUp

It's like having a service station for your PC!

Fill up with the latest software updates. Clear out harmful viruses. And Keep your computer running like a finely-tuned engine... with TuneUp.

TuneUp ensures that your hardware and software are up-to-date and virus free. TuneUp's one -year service subscription* provides you with the most comprehensive online care around. And all it takes is a click of you mouse. You can't get a smoother ride than that.

Shift into high gear with the most current updates

VVROOM! TuneUp quickly and securely profiles your system's hardware and software, then immediately generates a list of the latest updates and bug fixes available on the Internet.

No wasting your valuable time calling Customer Support or searching for hours through online lists of program patches and updates. No worries about older versions getting installed over new ones. Just select the updates you want and TuneUp downloads and installs the right ones.

And since TuneUp supports over 3,000 products, you can bet you're covered from Access to Zork. Plus, our pit crew continuously scouts the Internet to stay on top of all the latest updates.

Don't let deadly viruses stall PC

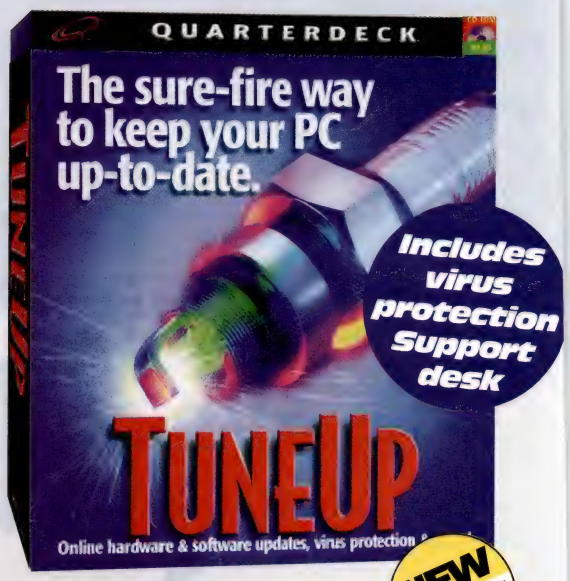
TuneUp AV (Anti-Virus) gives your PC high-octane protection against destructive viruses from floppies, e-mail and the Internet.

It detects and destroys thousands of viruses to keep your PC firing on all cylinders

Open 24 hours-a-day for online service

TuneUp is your direct route to Tuneup.com, Quarterdeck's award-winning, one-stop technical reference Web site. Tuneup.com is available anytime you run into an obstacle.

Get a full TuneUp Not just an Oil Change!	Oil Change V2.0	TuneUp V1.0
Application and hardware driver updates	X	X
Virus protection		X
Tuneup.com reference web site		X



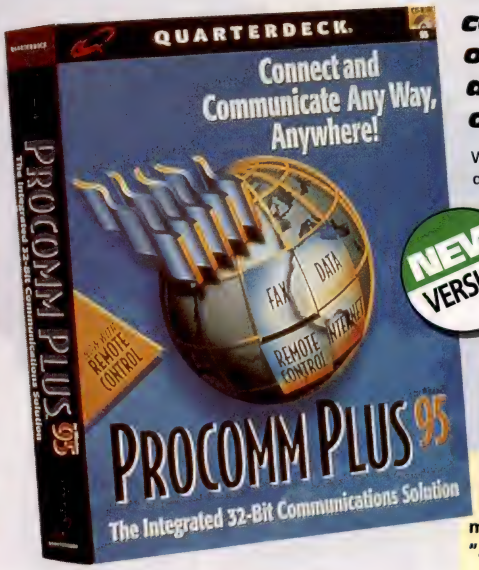
NEW PRODUCT

QUARTERDECK

Designed for Microsoft Windows 95

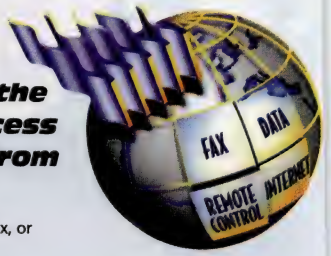
QUA135 TuneUp Version 1.0 ..... **$59.95**

Procomm Plus 32



NEW VERSION

The world's No.1 best selling communications software is the only complete solution to access all your PC communications from one source.



Whether you're cruising the Internet, sending or receiving a fax, or downloading a file from the office, Procomm Plus 32 has everything you need to communicate via your PC. Fax, Internet and Data functions are seamlessly integrated into one intuitive interface. The quickest, most reliable way to get the most from being connected. Procomm Plus 32 allows you to work at your computer the way you want to, moving from one activity toy the next with ease. Procomm Plus 32 also boasts the new feature Procomm Remote which allows you to connect from anywhere to control your office or home PC files and applications as if you were sitting there. Remote control is also a great way to read and send e-mail, share applications and files between your laptop and desktop.

WHAT THE PRESS ARE SAYING

"...read all the review to appreciate the magnificence of the product"

"...easy to operate, a dream to install"

Micro Computer Mart

Features:

- Fax Manager
- Data Transfer
- Connection Directory
- Web Browser
- Internet Mail
- Internet News Reader
- FTP and Telnet
- ISDN Support
- Aspect Script Language

Designed for Microsoft Windows 95

QUARTERDECK

QUA136 Procomm Plus 32 (CD) **$225**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

CleanSweep Deluxe
With Internet Sweep!

NEW PRODUCT

World's #1 choice for save hard drive clean up!

A hard drive can be a very filthy place. Especially if you surf the Internet. Every time you install a program, download a file, upgrade or perform even the most mundane disk operations, you computer dribbles a trail of digital debris - clogging up valuable had disk space. It's now time you called in the world's # 1 choice for safe file removal... CleanSweep Deluxe protests against unwanted files downloaded from the Internet, including viruses.

Powerful Internet protection and cleanup

When surfing the Internet, all kinds of debris get on you hard drive. And most of this digital junk you can't even see! Every time you browse the Web, your hard drive can get cluttered with text, graphics, sounds, video files and "Active X controls". Web "cookies" get invisibly placed on your hard drive when you visit certain sites. CleanSweep Deluxe allows you to safely clean these files, reclaiming valuable hard disk space.

Every day a wide range of software pours in from the Web, (trialware, shareware, betas, and browser plug-ins, etc). CleanSweep Deluxe can remove them safely and completely.

Award-winning cleaning power

Like the original version, CleanSweep Deluxe tidies up your hard drive by cleaning away that digital mess. It tracks down all kinds of disk junk - duplicated files, redundant DLLs, orphan files and infrequently used files - quickly and easily.

Just activate the automatic wizards to determine which files are clogging up your system, then sweep them all away automatically. Or confirm each action yourself. Best of all, CleanSweep Deluxe safely uninstalls both 16 and 32 bit programs.

Gets in hard to reach places

CleanSweep Deluxe effortlessly guides you through the toughest of file-management chores - understanding and editing the hidden registry that contains the secrets of Windows 95 and Windows NT. Then, the exclusive Registry Sweep sweeps away invalid registry entries, while freeing up disk space.

And with the Application Knowledge Base of over 1,000 programs, chances are if it's on your system, CleanSweep Deluxe knows the safest and most through way to get rid of it.

Cleans up Internet debris & Viruses! Remove any new application with 100% safety.

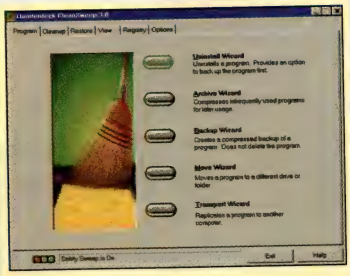
Won't damage you valuables

CleanSweep Deluxe's exclusive Safety Sweep feature offers the best protection against accidental file deletion of any removal utility you can buy.

CleanSweep Deluxe patrols your system all the time, recording the installation of new software. So you can now remove any new application with 100% safety.

Which CleanSweep is right your you?

Features	CleanSweep 3.0	CleanSweep Deluxe
Uninstalls and archives applications completely	X	X
Cleans up orphaned, duplicated and unused files	X	X
Offers automatic safety features	X	X
Moves or copies programs to other folders, drives or computers	X	X
Updates itself automatically over the Internet	X	X
Cleans up unwanted files downloaded from the Web		X
Monitors and uninstalls Active X, plug-ins and other Internet programs		X
Includes bonus anti-virus software		X



Safety sweep "green lights" those files that are safe for you to remove

Features

- Finds and safely removes more files than any other program
- Safety Sweep automatically protects against accidental deletion of important files
- Smart Sweep automatically watches installations for the most effective uninstalls
- Application knowledge base of over 1,000 programs for the safest removals
- Automatically finds wasted space for instant savings
- Intelligently eliminates unused and duplicate files
- Easily moves programs to any location

Update-it

CleanSweep can automatically update itself over the Internet, so you'll always have the most up-to-date application knowledge base

QUARTERDECK

WINDOWS

PC PRO RECOMMENDED

Designed for Microsoft Windows 95

QUA137 CleanSweep Deluxe **$79.95**

CLE011 CleanSweep 3.0 ..... **$55**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunciation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

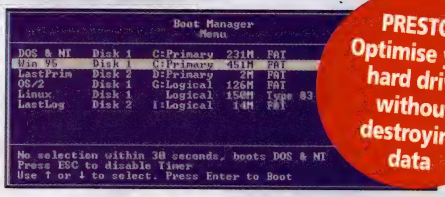
HOT UTILITIES

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

PartitionMagic 3.0

Reclaim up to 40% of your hard disk & organise your hard drive!



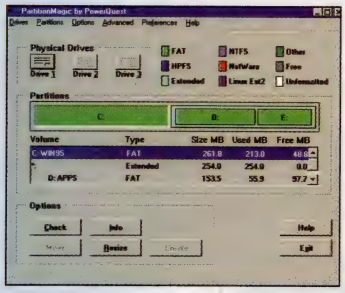
PRESTO! Optimise your hard drive without destroying data

Reclaim Wasted Disk Space

Everyone wants to get the most they can out of their hard disk. But, up to 40 percent of your hard disk may be totally wasted due to inefficient storage methods. PartitionMagic 3.0 increases your usable disk space by shrinking large FAT partitions and restructuring cluster sizes to reclaim up to hundreds of megabytes of lost disk space.

Safely Run Multiple OS's

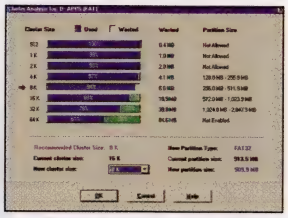
PartitionMagic 3.0 makes it easy to run multiple operating systems on the same machine without compatibility problems. Explore the new world of Windows 95 or NT while still relying on the security of your current operating system. And PartitionMagic 3.0 includes Boot Manager from IBM, making it easy to select an operating system every time you boot your computer.



Create, resize and delete partitions with the drag of a mouse.

Organise and Protect Data

Create a physically separate partition for your valuable data files to protect them from potentially unstable applications. This simplifies backups, especially to devices like ZIP™ drives. And with the transport feature of Uninstaller™, PartitionMagic 3.0 lets you easily move applications from one partition to another with their files and operating system settings in place.



SIEGER PC PROFESSIONELL INNOVATION DES JAHRES 95/96 POWERQUEST Partition Magic

PC PRO EXCELLENCE

Designed for Microsoft Windows 95

POW022 PartitionMagic 3.0 **$109**

AUS228 PartitionMagic 3.0 Upgrade **$59**

Now with Boot manager included!

WHAT THE PRESS ARE SAYING

"Unique, dazzling and indispensable, PartitionMagic is a must have product in an era of larger and larger hard disks"
PC Magazine

PartitionMagic® HARD-DISK PARTITIONING ON THE FLY

PC MAGAZINE EXPERT

POWER PQ QUEST

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

DriveCopy

NEW PRODUCT

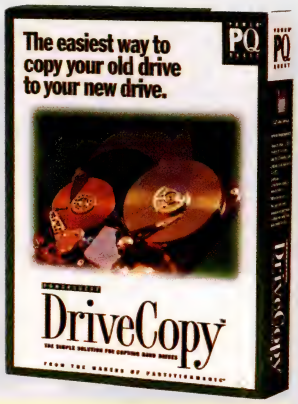
No re-installing, no data loss, no headaches.

The safest and easiest way to copy everything from your old drive to your new drive.

Remember when upgrading to a new hard drive was a painful, risky process? Well, fortunately now there's DriveCopy. With a few simple steps, everything from your old hard drive is automatically copied to you new drive without losing a single preference, setting, or byte of data.

DriveCopy supports all versions of today's popular operating systems and the file system they use.

- Windows 95
- Windows.x
- Windows NT
- Dos
- OS/2



Features:

- Copies multiple partitions and expands them proportionally on your new disk
- Features a simple user interface
- Uses proven, reliable technology from the world's leading disk-partitioning software - PartitionMagic

CHK001 DriveCopy **$42**

Drive Image

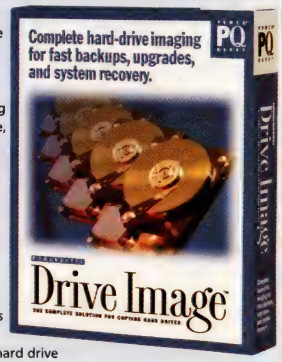
NEW PRODUCT

No more risks or hassles, Quick back-ups, and complete system recovery. Fast and easy upgrades

Drive Image is the complete hard-drive imaging solution for hard-drive back-ups, upgrades, and data recovery.

Drive Image lets you easily create a compressed image of file of an individual partition or an entire hard drive. This file can be stored on a network, JAZ, ZIP, CD-ROM, or tape drive an then downloaded to make quick work of backups, disaster recovery, or upgrading to a new, larger capacity hard drive. With Drive Image, image files can be downloaded to drives of the same size or resized to fit drives for a different size and geometry for maximum flexibility.

Drive Images is the fast and easy way to backup recover, or upgrade your hard drive. Using patent-pending SmartSector technology (which copies only used sectors), you can quickly create and store a compressed image file of an entire hard drive, or individual partitions of a hard drive, on a network or other storage devices. Full system recovers is as easy as downloading the image file from storage. If you are upgrading to a new hard drive, the contents of your hard drive can be automatically copied and proportionately resized, saving you hours of re-installation time.



Features:

- Copy the entire contents of one drive to another
- Copy individual partitions or entire drives
- Create and restore hard-drive image files
- Create and store hard-drive image files for backup, upgrades and system recovery
- Change partition size when copying from source to destination

CHK003 Drive Image **$125**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

SYMANTEC.

As Seen on T.V.

AntiVirus

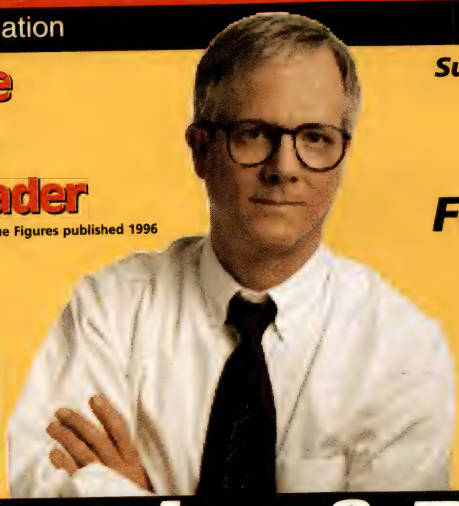
Version 2.0

Automatic Virus Elimination

GOLD EDITION

#1 Worldwide Anti-Virus Market Leader

*IDC Worldwide Revenue Figures published 1996



Supports Windows 95, Windows NT, Windows 3.0 and DOS

Free Updates Online

Virus Protection From;

- Internet Downloads
- Floppy Disks,
- Email
- Shared files
- Networks
- Macro.....

PC MAGAZINE EDITORS' CHOICE

NOR070 Norton AntiVirus 95

$85

100% Detection & Removal

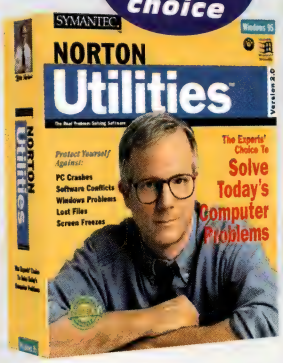
Norton Utilities

Over 15 Million Users World Wide.

The experts choice

Right there, right when you need it Norton fixes problems you wouldn't otherwise know were there until it's too late. The system Doctor monitors your whole system and automatically corrects problems before they affect you.

- Protects you against software conflicts, Windows problems lost files,PC crashes, screen Freezes and more
- Stops computer viruses before they damage your computer
- Monitors your favourite Web sites
- Automatically downloads software updates and patches



PC MAGAZINE EDITORS' CHOICE

Designed for Microsoft Windows 95

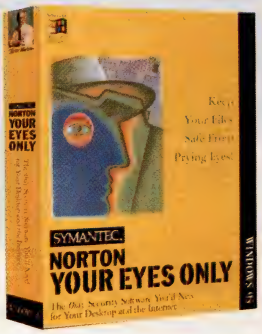
NOR032 Norton Utilities..... **$109**

Your Eyes Only

Keep your files safe from prying eyes! The only security software you'll need for your laptop and on the Internet.

Keep ALL your files SAFE!

The last thing you need is more work – so Your Eyes Only protects your confidential files automatically and transparently. It prevents unauthorised users from tapping into your computer files, but that's not all: It actually stays with your files, wherever they go. Unauthorised users can't. It's that simple. Unique patent-pending SmartLock encryption makes security totally automatic. Just designate which directories you want to secure and the files in those directories become automatically decrypted when you open them with passwords.



Designed for Microsoft Windows 95

SYM061 Norton For Your Eyes Only 4.0 Win 95 3.5" **$129**

SYM004 Norton For Your Eyes Only 4.0 10 User Win 95..... **$995**

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

- **Price Pledge** — We will beat any advertised price on any identical product. Subject to terms & conditions P2
- **Free Gift** — With every order choose a free gift from the selection on page 3.
- **Fast Delivery** — Overnight delivery on 90% of orders
- **Free Delivery!** — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.
- **Nationwide Delivery** — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.
- **Massive Stocks** — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.
- **All Welcome!** — We always service the individual buyer, small business and large corporation to the same high standard.
- **No.1 Service** — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

PC-cillin v3 The Top Antivirus Package!

Every major magazine that has reviewed PC-cillin has rated it the UK's top virus software for Windows 95, 3.1 and the Internet. It is the most effective virus protection you can get - don't download without it!

Does your old anti-virus package still protect you? Probably not. New threats from networks, Internet e-mail and shared folders are overlooked by existing anti-virus utilities, which assume that virus infections only originate from infected floppy disks. Windows 95's sophisticated communication and multi-tasking capabilities have created a virtual breeding ground for viruses - meaning that you need powerful, continuous protection.

PC-cillin II is the only software that can keep you fully covered. It scans all the Internet file transfers, checks incoming e-mail attached files, and scans more types of compressed files than any other package. PC-cillin II is the only anti-virus package that has what it takes to guard your Windows system.

Designed for Microsoft Windows 95

Automatic, On-line Pattern Updates -

Keeping the virus pattern file up-to-date is the key to detecting and cleaning many of the newest viruses. Now PC-cillin II does this updating for you–automatically–by downloading the latest virus pattern files as they become available. PC-cillin keeps your protection current 24 hours a day!

Clean Wizard- Your Built-in Virus Expert.

Automatic virus removal! Every time PC-cillin nabs a virus, our one-of-a-kind Clean Wizard instantly springs into action to automatically remove the virus for you step-by-step, without harming your valuable data. It's the virus expert – so you don't have to be

Macro Shield - The only True Macro Virus Defence!

NewWord Macro Viruses are being created at a blinding pace. Not only are they extremely difficult to catch before they cause damage, but they can be produced in a matter of minutes by practically anyone! PC-cillinII blocks Word Macro viruses before they have a chancre to infect your system. Plus, our patent-pending MacroShield not only detects and cleans known macro viruses, but will even catch new strains that have not been identified yet.

Macro Shield - The only True Macro Virus Defence!

thousands of viruses are lurking throughout the Internet and online services, just waiting to jump through any unprotected modem or Internet connection. But have no fear PC-cillinII stops them cold.

FREE! unlimited virus updates online for 1 year!

WHAT THE PRESS SAY

In a head to head review with Norton AntiVirus and McAfee Viruscan PC Computing magazine called PC-cillin "the best way to protect your PC from deadly invaders."

STOCK CODE: RMG048

$85

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Speed Surfer

The Wait is over...more power more speed

Includes FASTSITES (instantly access your top 10 sites)

Surf the Web faster

- Are you tired or frustrated because the Internet seems to be getting slooower all the time?
- And you are waiting and waiting and waiting, for that next web page to come up?
- It's time to speed up your Web surfing experience with Speed Surfer. It's simple and easy to use, no fuss, just plug-in go and watch it work automatically

How it works

It's so simple, it works! The moment you get to a website, Speed Surfer's SmartAgent utilises idle moments of the modem to quietly pre-load your next pages. That way, it displays text,links and graphics FAST! They're already downloaded and ready to go.

Instant access to your top sites

In addition, Speed Surfer watches and learns your surfing habits, it can accurately predict where you will go next - and get there first!

Remember those sites you go to most often? Well, so does Speed Surfer. Whenever you get on the Internet, SmartCache pre-loads your most visited sites so there always ready to come up in a snap!

Features

- Automatically works with Netscape and Internet Explorer
- Boost browser performance!
- See pages faster and feel the difference
- Improves Modem efficiency
- Perfect for any connection type from dial up, ISDN, cable to T-3
- Just Plug and Go!

KIS040 KISS Speed Surfer **$46**

Keep your hardware in check with Check✓It Diagnostic Kit

CheckIt Diagnostic Kit from Touchstone is the all-in-one hardware problem solver for Windows 3.1, 95 & DOS!

Use CheckIt Diagnostic Kit and get the most out of your Windows system with this "all-in-one" PC Problem solver. Containing full versions of the award-winning WinCheckIt Pro and CheckIt 4, new CheckIt Diagnostic Kit offers a complete package of utility and hardware troubleshooting tools for Windows 95, 3.1 and DOS. It can provide you with detailed information on system configuration, memory resources, network connections, CMOS, IRQ settings, Interrupt Vectors, I/O addresses, BIOS... In fact, a complete analysis covering both DOS and Windows environments. Additional advanced features include an Uninstall utility, Change Detector, file compressor, Modem and CD-ROM tester and performance Benchmarks. Eliminates hours of frustration with the help of CheckIt Diagnostic Kit - the most advanced hardware diagnostic kit available for Windows.

Includes this Toolkit!

TouchStone · Home Office · Windows 1995 WIN 100 · Info World Top Scene

Easy to use & extremely powerful - WinCheckIt is the all-in-one Windows problem solver.

Uninstall Utility - Locates, removes & archives unwanted applications.

Clean & Zip - Manages zip files & creates more room on your disk drive (Windows 95 version supports long file names).

Bonus CD-ROM - McGraw-Hill Technical Library - 4 free books on CD-ROM

CheckIt Tools - A set of handy screwdrivers plus TouchStone's special loopback plugs that aid diagnostic testing of parallel & serial ports.

Hardware Tests - Test your modem or CD-ROM & use the performance benchmark tests to rate & compare your overall system.

RMG026 WinCheckIt Diagnostic Kit **$159**

WIN096 WinCheckIt 4.0 ..... **$79**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA · MasterCard · American Express · Bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Vet AntiVirus

Automatic Virus Protection For All Platforms

Essential Protection

Virus protection has never been as essential as it is today. New viruses are continuing to appear at an ever-increasing rate and new types of viruses - for instance, Word macro viruses - regularly take the PC World by surprise.

The Internet, intranets, networks, Email, shared disks and shared PCs all enable viruses to spread.

Virus Protection for Your System

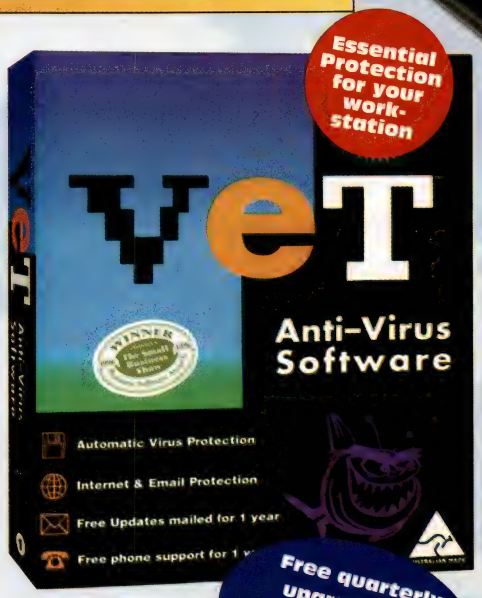
VET Anti-Virus Software provides you with the protection you need for your system, whether it is a stand-alone PC or a complex network of PCis in an organisation. (Server-based virus protection is also available - please ask for information.)

VET Workstation protection provides automatic virus protection and removal: it gives your PC a quick once-over each time it is switched on or rebooted; it checks all files as you try to access them, preventing you from using an infected file or disk; it provides automatic detection against thousands of viruses and is able to effectively clean files infected by all of the common viruses.

VET is a tried and tested product, used on hundreds of thousands of PCis in more then 30 countries. It is installed in many universities, government departments, corporate companies, small businesses and home usersi PCs. VET is regularly evaluated by independent organisations and continues to rate in the top ten worldwide.

VET Workstation Protection

To make things easy, the VET Workstation box contains versions for Windows NT Workstation, Windows 95, Windows 3.x and DOS complete with manuals for each operating system. VET is more than a product - it is a service as well. All registered users receive free quarterly upgrades for the duration of their licence and free unlimited phone support for the same period.



FEATURES

- Automatic Virus Protection
- Total Macro Virus Solution
- Network Compatible
- Internet and Email Protection
- Update and Support Services
- An Essential Product

WINNER VET Australian Business Software of the Year

AUSTRALIAN MADE

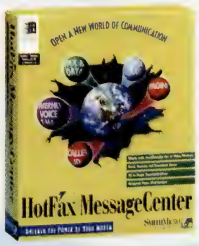
STOCK CODE: VET001

$95

VET002 VET 2 User licence Pack **$159**

VET003 VET 5 User licence Pack **$269**

HotFax MessageCenter



Makes faxing easier and more productive than ever before

The ideal solution for turning your PC with modem into a complete communications system.

HotFax MessageCentre transforms your PC and modem into a sophisticated communications centre. Whether you're at home, in the office, or on the road, you can customise cover pages and send faxes with ease, add high-tech telephone capabilities to your computer, and remotely access your PC for the retrieval of faxes, files and voice mail.

Features

- Fax easily from any Windows application directly from your PC
- Optical Character Recognition converts faxes into text files
- Drag and drop faxing
- Send voice messages over the Internet
- Set up a secure, customisable voice mail system with up to 90,000 mailboxes

BAN010 HotFax MessageCenter **$139**

HotFax

A better way to fax

Combined with your modem, HotFax is all you need to send, received, and manage laser quality faxes.

HotFax places the most sophisticated Fax and Data Communications capabilities at your fingertips. HotFax simplifies fax allowing you to send faxes directly over standard phone lines or the Internet. If you're personal or business requirements demand a customised cover page, remote access or broadcasting then HotFax is the solution for you.

Features

- Fax easily from any Windows application directly from your PC
- Optical Character Recognition converts faxes into text files
- Broadcast faxing to your database
- Drag and drop faxing
- Advanced cover page and fax header design

BAN011 HotFax **$89**

Vmail

Add to your email

VideoLink Mail lets you add emotion and personality to your e-mail. With VideoLink Mail, send the emotion and personality of live conversations with every e-mail that your send. VideoLink Mail offers the ability to send high quality video and audio in a file size ration of 2 minutes to 1 megabyte.

Features

- Attach a video and audio file to your email
- Broadcast video mail to your staff over your Intranet
- Your customers do not need to have Vmail to view your Vmails

BAN012 Vmail **$59**

AudioVision

Video conference from your PC over normal phone lines

AudioVision is the fastest, easiest way to communicate with live video and audio over the Internet, an Intranet, or directly over plain old fashioned telephone lines (POTS). AudioVision utilises advanced compression techniques to send video at blistering rates, averaging 15 frames per second.

Features

- True motion video over your home phone line
- Digital audio, text and binary file transfer
- Works with all popular digital cameras or your home camcorder

BAN013 AudioVision **$179**

HotPage

The automated solution for receiving email messages on your pager

HotPage works with Microsoft Exchange, Windows Messaging, and Outlook to automatically route your e-mail messages to your alphanumeric pager. No matter where you are and time you get e-mail you'll automatically be notified and sent the entire message.

Features

- Read incoming email messages on your pager
- Send messages to numeric and alphanumeric pagers

BAN014 HotPage **$49**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801

Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

HOT UTILITIES

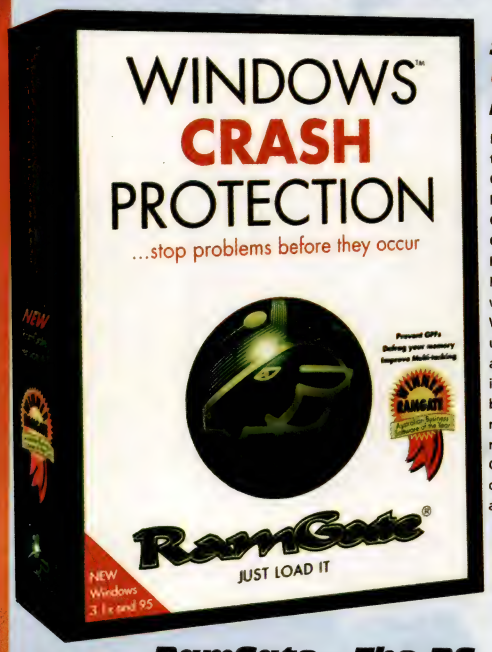
INTERNATIONAL

SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

RamGate™ - The Ultimate Windows crash protection

Best Selling Software



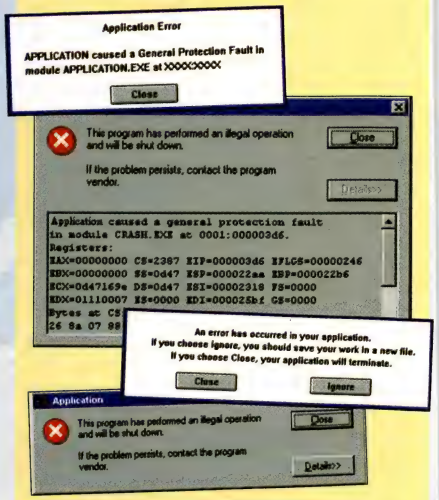
STOP WINDOWS FROM CRASHING!!! WITH RAMGATE!

It's frustrating when your PC crashes and, at worst, loose a files entire contents through corruption. Major problems you can encounter in Windows are:

Out of Memory
Insufficient Memory
Out of Resources
General Protection Fault (GPF) - commonly known as a crash
Illegal Operation (Win95 GPF)

RamGate is a utility which stops Windows from crashing by controlling the way in which Windows applications access RAM, virtual memory and Windows system resources. The basic principle behind RamGate is simple; to use memory and resources contiguously. RamGate ensures that when an application makes a request for memory and resources, it is given a block immediately next to the previously allocated block. Additionally, a small buffer zone is built into the request for, and subsequent allocation of memory resources. This basic allocation method is in contrast to that of native Windows which will take memory and resources from anywhere. Continuous use of memory and resources will provide for a more efficient operation of Windows as well as improved stability. This is why you will be able to safely run more applications than ever before.

Have You Ever Been Annoyed by any of these Error Messages on your PC?



...then you need RamGate™

RamGate - The PC utility your system can't afford to run without!

- Protect Against GPFs
- Improve Stability
- Prevent Loss of Data
- Windows 95 and 3.1x
- Australian Business Software of the Year

Designed for Microsoft Windows 95

WINNER RAMGATE Australian Business Software of the Year

RamGate is a Terminate and Stay Resident (TSR) program which, once initiated puts a protective layer around the system resources and memory and a shield inside Windows itself. The major benefits of RamGate are as follows:

- **Allows system resources to be utilised down to 0% free without an increase in the number of GPFs (crashes), which typically increase dramatically once free system resources drop below 35%**
- **PC performance is not impaired as free system resources fall below 35%. Typically, this is impossible to achieve in Windows**
- **Since approximately 30% of system resources is used by Windows itself, only about 35% of system resources are usable before the danger level for GPFs (crashes) is reached. With RamGate, the remaining 35% of free system resources becomes as stable as the resources in the 35-70% range, thus allowing the user to safely open many more applications**
- **No Windows system files are changed or modified making RamGate ideal for networks**
- **RamGate does not replace or modify any Windows files or application files**
- **RamGate effectively "Defrags" the FAT, RAM and Virtual Memory**
- **RamGate will run on Windows 3.1, 3.11, Windows for Workgroups, Windows 95 and Windows NT**

RamGate JUST LOAD IT

ONLY AUS118 RamGate $59.95

RamGate Testimonials

"It manages Windows resources much better than Windows does. Testers found they could work with very low resources without crashing and run more applications at once"
Angel Ioannou - Senior Systems Engineer, Lotus Development. 27/6/95

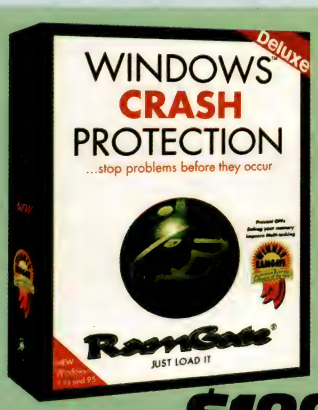
"The RamGate professional product tested well on the Compaq Armada and LTE 5000 portable computer family. Compaq considers it a good investment for customers looking to manage their computer memory resources efficiently, without affecting their existing software configuration.
Vincent Bevan - Technical Specialist, Compaq Europe, Nov 1996

"It's a good product and appears to do what it says it does"
Greg Buchanan - Director of Software Support, Microsoft Asia Pacific. 27/6/95

"This product deserves special mention for a number of reasons. It's an Australian product, it has been very well received by users and testers and it works in a completely different way to the RAM doublers with which it's often confused in popular perception"
Neale Morison - PC World, March 1996

RamGate - Winner of the Australian Business Software of the Year Award - 1995-96 Competition sponsored by Channel 9, Quantas, Austrade and Optima Computer. Awarded ahead of 182 other entrants.

WINNER RAMGATE Australian Business Software of the Year



NIT001 RamGate Deluxe.....$199

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

Marketing & Distribution by HOTKEY. Internet address: http://www.ramgate.com.au e-mail address: software@hotkey.com.au

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard American Express bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

ZipMagic

The Next Generation Zip Program

Immediately know what's inside a Zip File - and use zip files without having to unzip them first!

ZipMagix includes the patent-pending ZipFolders technology, which safely and transparently turns zip files into Window folders. The contents of zip files you download, receive or create become instantly accessible, so you can view and modify files, run programs, archive files, all with spectacular ease - without having to unzip anything. And every file stays compressed in the zip file, saving precious disk space!

Features
- Standard UnZip/Zip functionality
- Use Zip files without unzipping them
- Run any program within a Zip file
- Repair damaged Zip files
- Convert other formats to Zip
- Updates itself over the Internet
- Fully integrated file viewing
- Modify Zip contents at will
- Create sub-folders in Zips

Hot New Product

ZipMagic fully supports the universal ZIP format, as well as other compressed files like ARJ, LHA/LZH, GZIP, TAR, TAZ, TGZ, CAB and ZOO.

Opens all compressed files, even email attachments! You can also open and decode email attachments like BinHex, UUEncode, XXEncode and MIME.

ZipMagic includes an Archive Manager.

Only ZipMagic has the revolutionary Internet EasyUpdate, which seamlessly updates your copy of ZipMagic to the latest maintenance release.

STOCK CODE: ZIP016

$55

AUS132 Zip Folders **$39**

Windrenalin

Accelerate Your Hard Drive By Up To 500%

With Windrenalin experience a rush as your hard drive accelerates by up to 500%. Instantly your heart rate accelerates, your respiration skyrockets as your program launch speed improves out of sight. In theory, with transfer rates upwards of 5MB per second, your hard drive is very fast. In reality, it often struggles to go faster than 1/10th that speed. Just like an expensive 260 kph sports car that rarely goes over 100 kph your hard drive is often obstructed by the PC equivalent of stop signs. Traffic jams and speed limits.

WINDRENALIN with its award-winning patented SuperFast technology reduces these obstructions. Instantly accelerate your hard drive. Launch programs faster. Multi-task faster and speed up file system operations on high-end Pentium PCs.

"Adrenaline for Windows"

One look at the control panel confirms the fact that this is a new kind of software

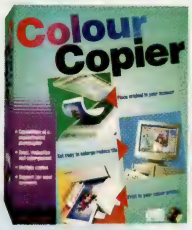
Features
- Launch Programs Faster
- Multi-task Faster
- Speed Up File system Operations
- Instantly Accelerate Your Hard Drive

AUS313 Windrenalin **$79**

Colour Copier

Turn your scanner & printer into a colour photocopier.

Colour Copier turns your colour scanner and colour printer into a full-featured photocopier. Simply place your original in the scanner and set your copy Features! Large corporations have invested millions in developing the interface for both simple and complex photocopiers. Colour Copier emulates that interface, allowing everyone to produce both simple and complex copies, from the scanner to the printer.



Software comes with position presets or you can create your own. It's so easy!

SWS001 Colour Copier **$95**

Quick View Plus

Find it. See it. Use it. Print it.

iInso CORPORATION

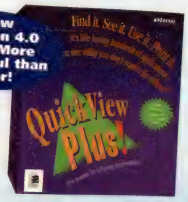
The Unbelievably Useful Utility for Windows 95/Windows NT

See, copy and print virtually any file - with all formatting intact - even if you have none of the originating applications!

Quick View Plus is the essential utility for every Windows user!

Not only does Quick View Plus seamlessly integrate into Windows Explorer and Microsoft Exchange, it also operates within Netscape Navigator as a plug-in and within Microsoft Internet Explorer as an ActiveX Document viewer.

New Version 4.0 Now More powerful than ever!



INS015 Quick View Plus **$89**

DesignCAD 97

2D/3D Computer aided design software.

DesignCAD 97 combines powerful 3D modelling with easy-to-use 2D drafting. Your creativity and knowledge are the only limits! From NASA space station to a simple doghouse, DesignCAD 97 is the versatile CAD system anyone can use.

It includes the most advanced CAD features, such as solid modelling, realistic texture mapping and custom 3D animation. With the extensive on-line help that's available, you'll be up and running in no time.

Designed for Microsoft Windows 95

SWS002 DesignCAD 97 ..... **$599**

SWS003 DesignCAD 97 C/G **$279**

Sofala Phone

The Australian 8 digit phone number clearway

If you depend on making phone and fax calls, it's going to cost you a fortune to keep in touch as the numbers progressively change!

- Browse the built-in schedule to see what changes and when
- Fixes all numbers including phone, fax, mobile, toll free, etc
- Includes complete, built-in schedule
- Replaces number only when appropriate
- Get first schedule update free

SWS004 Sofala Phone **$24.95**

SWS007 Sofala Postcode **$24.95**

School Project

And reference library

Instantly create great school projects on your PC, it's as easy as click and paste!

- 1000+ photographs and clipart images of Australia and the world–flora, fauna, history, geography, industry science, sport and more
- Biographies of 1000 famous Australians
- World factbook
- Essential facts and figures about Australia and Australian
- 99 exciting educational shareware programs and games
- Many colourful maps, ancient modern
- Australian literature and childhood classics

SWS005 School Project **$9.95**

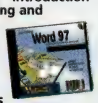
Interactive Multimedia Training

Training for the Office or Home

ViaGrafix CD-ROM Interactive Series.

ViaGrafix tutorials are fully interactive providing between 4 to 6 hours of handy hints, tips and examples. Bring yourself or your staff up-to-scratch on the latest software.

VGF001 Word 95 - Introduction
VGF002 Windows 95 - Secrets and Timesavers
VGF003 Outlook 97 - Scheduling
VGF004 World Wide Web - Learning
VGF005 PowerPoint 97 - Introduction
VGF006 Access 97 - Introduction
VGF007 Windows NT messaging - Introduction
VGF008 PC Viruses -Understanding and Protection Introduction
VGF009 Publisher 97
VGF010 Front Page 97



Designed for Microsoft Windows 95

All Viagrafix Interactive Titles **$49.95**

AzzWareDraw

Do your own drawing, painting and creating

Fully functional, easy to use. Designed for the novice through to expert. Includes tutorial and movies to show you the basics.

Curve Text–Curve lines of text any way you want, simply drag the handles.

Bezier Drawing– group, order, 100million colours even mix your own.

Text Styles– Change the appearance just the way you want, left, right, centre, justify, bullets, indents...flow text.

Create and Recall– Save, catalogue and recall all drawing, nothing wasted.

Fonts– Use all existing Windows fonts, any size or colour.

Automatic Shapes– boxes, circle, stars, polygons and gears.

SWS006 AzzWare Draw 5.0 ..... **$9.95**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge – We will beat any advertised price on any identical product. Subject to terms & conditions P3.

Free Gift – With every order choose a free gift from the selection on page 3.

Fast Delivery – Overnight delivery on 90% of orders

Free Delivery! – We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery – We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks – Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! – We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service – As an International company we have won more awards for products and services than any software mail-order company.

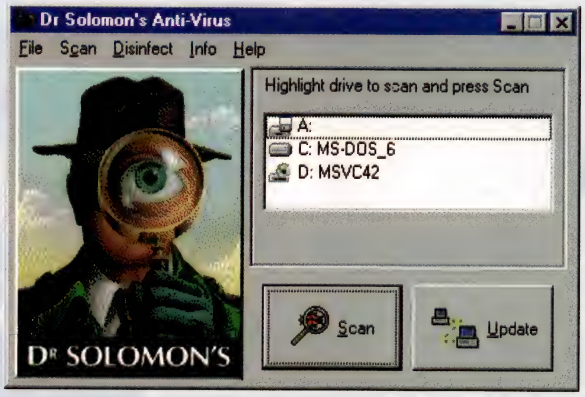
INTERNATIONAL SOFTWARE WAREHOUSE

Orderline 1300 360 799 Order by Fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

DR Solomon's Anti-Virus

Now the international best selling virus protection software is finally available in Australia and New Zealand. Dr Soloman's Anti-Virus detects and destroys most viruses...automatically!



Dr Solomon's Anti-Virus is the only anti-virus product available in Australia that is able to automatically detect and eliminate the over 13,000+ known viruses that are out there, ready to attack your PC.

With over 3 million users worldwide. 24 hour, 7 day technical support and on-line upgrades for killing new viruses it's no wonder Dr Solomon's is trusted by over 3 million people worldwide.

It's the world's most advanced, trusted and widely used anti-virus program.

**Computer viruses are increasing at the rate of 300+ per month.*

DR SOLOMON'S Anti-Virus VERSION 7

"Kills The Most Viruses... Automatically!"

GUARANTEED

Better virus protection than Norton, McAfee, IBM, PC-cillin, VET or your money back.

Marketing and Distribution by:

HOT KEY

Internet address:
software@hotkey.com.au

Dr Solomon's Anti-Virus **$89.95**

Exclusive Dr Solomon's WinGuard scanner and Dr Solomon's NetGuard technology provide 24 hour virus protection from internet downloads, shared files, e-mail, floppies, hard disks and more.

Features

- Unique Technology – Dr Solomon's Anti-Virus employs Advanced Heuristic Analysis (AHA) and Advanced Macro Heuristic Analysis (AMHA) technology to reliably detect new and unknown viruses without creating false alarms.
- Compressed File Scanning – Dr Solomon's Anti-Virus has the ability to scan inside more compression file formats than any other anti-virus product, and scan recursively inside multiple nested layers of compressed and archived files.
- Online Updates – Dr Solomon's Anti-Virus' Automatic Protection Plan delivers a new product monthly with updated scanning technology and virus signatures to ensure comprehensive protection against the 300+ new viruses discovered every month.
- New Interface – a new intuitive interface makes Dr Solomon's Anti-Virus one of the easiest ways to protect users from computer virus attacks.
- Automatic Virus Removal with WinGuard – not only will WinGuard, Dr Solomon's on-access virus scanner, protect against virus attack 24 hours per day, but it can automatically remove any file or macro virus it detects.
- Educates with the Virus Encyclopedia. Gives detailed, in-depth descriptions of "In the Wild" viruses most commonly encountered by computer users.
- Money-Back Guarantee. Dr Solomon's Software is so confident that it offers better virus protection than Norton, McAfee, IBM, PC-cillin or VET, it stands behind its product with a money-back guarantee.
- FREE, unlimited 24-hour virus emergency support with one of its technical experts on the phone and by e-mail.

Corel Graphics Explosion

NOD001

Only $59.95

Create stunning presentations, stationary, advertising material etc.!

For a limited time only.

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

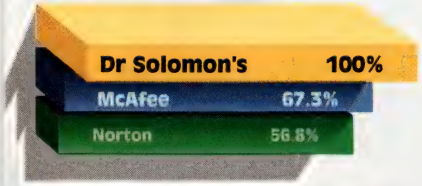
FULL-STRENGTH, 100% ANTI-VIRUS PROTECTION.

NEW PRODUCT

DETECTION OF VIRUSES IN COMPRESSED AND ARCHIVED FILES

SOURCE — Secure Computing, January 1997
Dr Solomon's is far more advanced in detecting viruses lurking within zipped and compressed files including Internet downloads covering the widest variety of file compression formats.

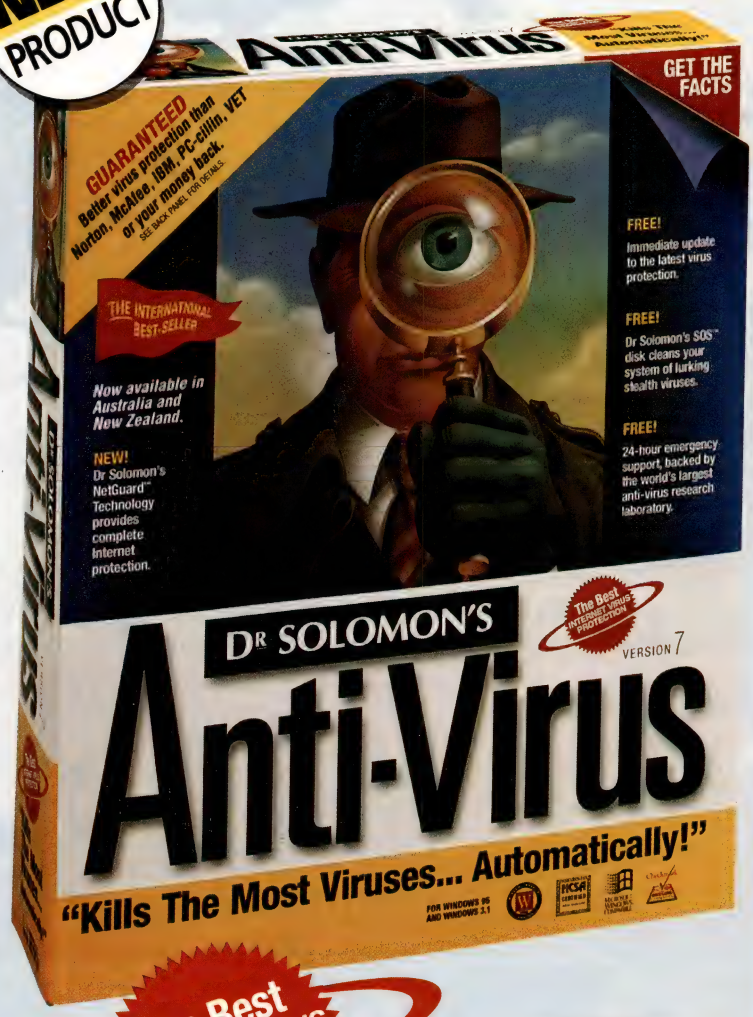
POLYMORPHIC VIRUSES



SOURCE — Virus Bulletin, October 1996
Polymorphic viruses are the most difficult to detect because each infection looks different. Dr Solomon's detects polymorphic viruses better than all the rest.

MACRO VIRUS DETECTION RATE

SOURCE — Secure Computing, January 1997
Macro viruses represent the newest threat to your computer today, and they're easily shared via documents and email. No other product detects and removes them like Dr Solomon's.



The Best INTERNET VIRUS PROTECTION

GUARANTEED

Better virus protection than Norton, McAfee, IBM, PC-cillin, VET or your money back.

If you want the best in anti-virus software, demand DR Solomon's Anti-Virus!

Marketing & Distribution by HOTKEY. Internet address: software@hotkey.com.au

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

*Choose a Free CD with every order!**

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MASTERCLIPS 1000**

A collection of professional colour clipart

2. **STARFISH INTERNET UTILITIES**

Manage your diary, contacts, meetings and communications via the Internet.

3. **BODYWORKS V3**

Learn all about the human body with multi-media guide.

4. **TURBOCAD V1 WINDOWS**

The most significant release of any CAD software this decade

5. **EZ LANGUAGE VERSION 1**

EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages

6. **LEONARDO THE INVENTOR**

A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

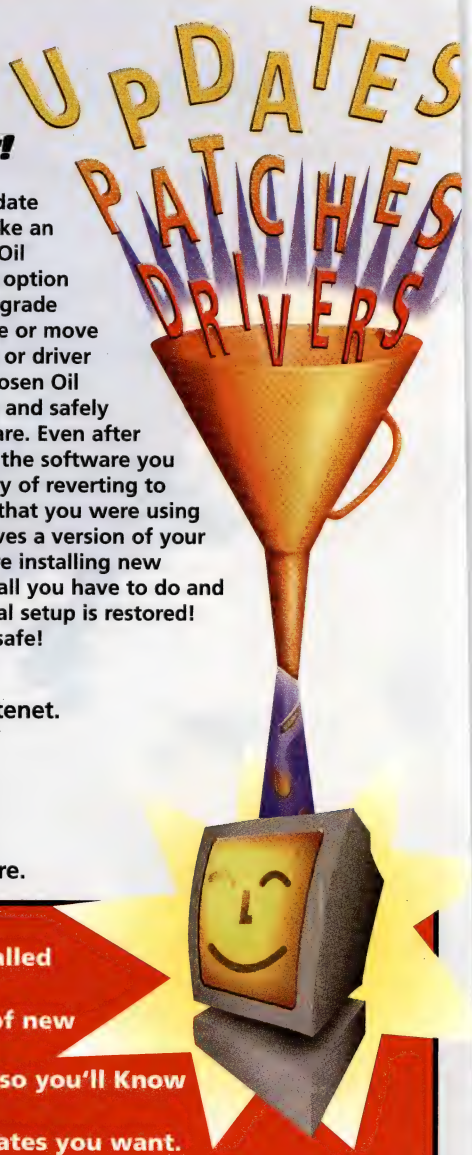
13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL
SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Oil Change

Update Your Software AUTOMATICALLY Over The Internet!



New software updates and hardware drives are being released on the Internet every day, designed to fix bugs, improve performance and add great new features to your PC. And most of them are FREE!

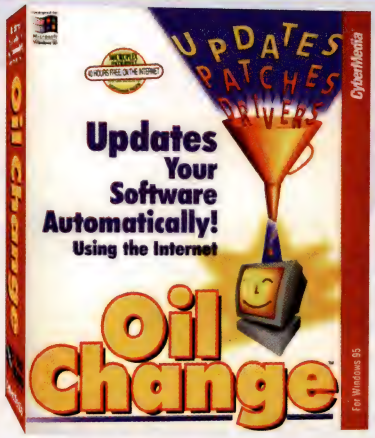
You can keep your PC running smoothly if only you could get these updates, but how do you make sure you have installed the updates properly?

No More hours of looking and searching the huge mass of information that is the internet in the hope of finding upgrades to the software you allready own and have installed on your PC - CyberMedia's Oil Change will first identify the software that you have installed on your PC, then log onto the internet in order to check with the CyberMedia Internet master list of new updates and drivers that are currently available an the Internet and then give you a helpful description of each update so you'll be able to make an informed choice. Next Oil change allows you the option of then choosing to upgrade that particular software or move onto the next upgrade or driver that is available. If choosen Oil Change autokmatically and safely installs the new software. Even after you have downloaded the software you still have the opertunity of reverting to the previous software that you were using because Oil Change saves a version of your present software before installing new software - One click is all you have to do and your computer's original setup is restored! It's that easy and that safe!

- Locates new updates, patches and drivers for your PC on the intenet.
- Downloads and installs the updates you select.
- Get new plug ins for your browser.
- Tunes up your software for peak performance.
- Keeps your PC up-to-date.
- Gets you the latest and greatest enhancements for your software.

How does it work?

1. Just click on start and Oil Change identifies all the installed software applications and hardware drives on your PC
2. Oil Change then checks with CyberMedia's master list of new updates and drivers that are currently available on the Internet and gives you helpful description of each update so you'll Know what benefit each update will provide
3. A helpful description allows you to select only the updates you want. Oil Change downloads and safely installs your new software automatically



Here"s what Top PC mechanics are saying:

"Could be the most significant program to hit your hard disk in many a moon"
– Netguide

"The most advanced on-line tune up"
– CNET Television

"Consider it your own personal upgrade assistant and system maintainer"
– PC Magazine

"Oil Change ensures your computer is running the newest software... it doesn't't get any easier than that."
– Time Magazine

"(with this) digital oil change.... you have not just software but living software."
– Time Magazine

RMG210 Oil Change **$65**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Kiss Modem Wizard

KIS018

Only $49

Fix Internet Connection And Modem Problems NOW!

For a limited time only.

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard AMERICAN EXPRESS bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

First Aid 97

If your PC has ever crashed, you need First Aid 97!

Up to 90% of all Windows problems are caused by software conflicts. The makers of First Aid analysed thousands of Windows problems and then built the unique "AutoFix" technology to automatically sense and actually fix thousands of problems in your Windows system. Running in the background, First Aid pops up when it senses a problem and tells you what the problem is – in plain English. Then, a click on "AutoFix" corrects the problem. No other product available can do this!First Aid 97 will revive your PC when it won't boot, automatically track all changes in your PC configuration files, plus connect you directly to the WWW pages of software vendors so you can download the latest bugs and fixes. Never call a tech-support line again - let First Aid 97 do all the work for you.

Give your PC a complete physical

First Aid gives your PC a "Complete Physical". Just click on Check-Up and First Aid checks every vital component and automatically fixes the problem it finds.

First Aid will call in the specialist

If you don't need a complete physical, First Aid'sSpecialists lets you zero in on a specific problem.

Ask the Adviser

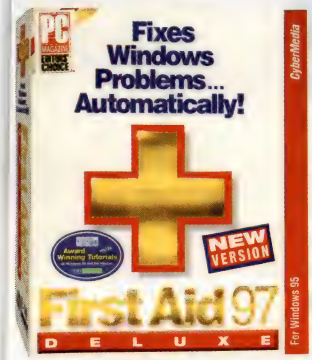
Need to figure out why your printer streaks or your mouse sticks? Ask the First Aid Adviser. Just click on a problem and First Aid uses its advanced knowledge base and even the Internet to get your answers.

First Aid Prevents Windows problems

With First Aid's Windows Guardian you get continuous protection from crashes, software lock-ups, failing hard drives and more. It evenlets you recover from PC disasters.

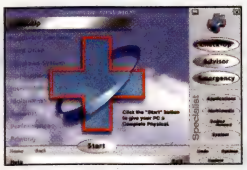
Provides Emergency Care and Recovery

First Aid lets you add new games or sound cards without risks, creates an Emergency 'tart-Up' disk and makes a backup of your work. It even lets you recover from PC disasters.



First Aid 97 Deluxe

If you've ever had a PC crash or failure before, you won't want to repeat the experience. You can lose hours of work, cause permanent damage to your system, and worse. But it happens, and when it does, you have a choice. you can call your computer dealer, ring up a techie friend, or consult the manual .... Or you can give your PC First Aid . this unique Windows tool can help prevent crashes, keep your software and drivers up to date , increase available disk space and help re-boot a lifeless PC. It sits quietly on your system, and you'll hardly know to it's there. But when something starts to go wrong, First Aid fires into action to prevent and solve your problems automatically in 3 easy steps. All you do is click the 'Autofix' window and you can even save work in progress before the crash.



First Aid 97
STOCK CODE: RMG200
$64.95

Give your PC a compete physical

First Aid 97 Deluxe
STOCK CODE: RMG201
$79.95

New UnInstaller 4.5 for Windows

Safer, faster, better!

WIN.95 ONLY
STOCK CODE: UNI008
$65

UnInstaller 4.5 is the only completely safe way to delete applications and files from your Windows PC. It is the world's top-selling Windows clean-up utility and new Version 4.5 is faster, safer and crammed full with great new features that will make UnInstaller your essential personal PC housekeeper.

No matter how large your hard disk is, it's never large enough. Applications, Internet downloads, graphics and multi-media games fill up a hard disk in no time. When you need more space, clearing off the old, unneeded stuff can be risky. With many applications using hidden and shared files, it's difficult and dangerous to delete files by hand. UnInstaller is the safest way to remove files and applications - *even the things that were on your hard drive before your installed UnInstaller!* Its exclusive SmartLinks technology scans your entire system and identifies all the relationships between programs and files so that UnInstaller can then decide which files are safe to remove and which ones you need. It will never remove an essential Windows system file! With Automatic Backup you have an extra safety net in case you delete something you wanted to keep. With over 1 million users, nothing is safer than UnInstaller.

LOOK! - Hot New Features...

- **Quick Cleanup** - Tell the Quick Cleanup wizard how much space you need. It searches your system and automatically deletes files that can be safely removed - like temp files and Internet cache files.
- **Application Cleanup** - Delete an unneeded application and its related files, Archive an application to another place on your computer with all its related files intact, or Transport an application to a different computer without the need for reinstallation.
- **File Cleanup** - Find all those unnecessary files that accumulate on your system every day. Regular cleanup makes the most of your disk space.
- **Built-in Viewer Pane** - See the contents of files before you delete them without launching any other applications.
- **Graphical Reports** - Display or printed detailed reports to see how your system has changed.
- **Automatic Installation Monitor** - Automatically starts the the Installation Monitor when an application is installed.

WHAT THE PRESS ARE SAYING

"This software will pay for itself over and over again."– *PC Direct*
"The most well endowed of these utilities by some distance."– *Windows User*
"Head and shoulders above most other similar products on the market."– *PC Direct*
"Of the three programmes tested, only UnInstaller 3 did not offer to remove any critical Windows files." – *PC Magazine*

Home Office Computing Editor's Pick · PC Magazine Technical Innovation Award 1995 · PC Computing MVP 94 Finalist · Designed for Microsoft Windows 95 · PC Magazine Editors' Choice

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge – We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift – With every order choose a free gift from the selection on page 3.

Fast Delivery – Overnight delivery on 90% of orders

Free Delivery! – We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery – We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks – Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! – We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service – As an International company we have won more awards for products and services than any software mail-order company.

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

Laplink - for Windows 95

One Step Remote Access To Your Desktop

One Stop Access Just Click & Connect!

Here's why Laplink is the only choice

Remote Control

- Fast performance with automatic disk caching, colour depth control and bitmap filtering
- Remote clipboard support lets you cut, copy and paste to and from your remote PC
- AutoConnect instantly connects and remotely controls another computer

File Transfer

- 30% faster file transfer
- New Xchange Agent easily and quickly automates file transfer into a single mouse click. Now schedule tasks to run fully unattended
- Patented SpeedSync technology speeds file transfer by sending only the changed portions of files.

Communications

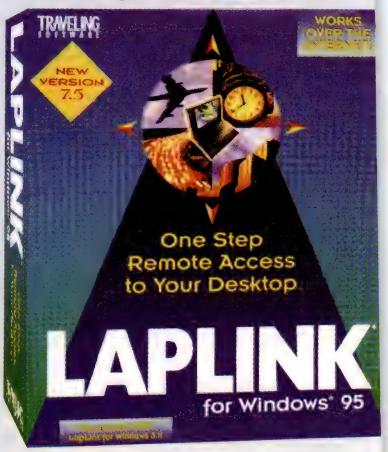
- Internet support provides worldwide remote control, file transfer and chat capabilities for only local service charges. For safe communications over the Internet, all data is encrypted
- Laplink's integrated remote node lets you access and transfer files, remotely run applications, read and send e-mail in a single session

Designed for Windows 95

Laplink takes advantage of the power of true 32-bit computing. Its seamless integration with Windows 95 provides support for long file names, lets you share your modem with multiple applications and offers you assistance using task wizards and ToolsTips. Plus, Laplink makes dialling remote systems a snap by using the telephone information shared by all your Windows 95 applications including area codes, country codes and credit card numbers.

One Step Access to Information

Work efficiently from the road, home or office with LapLink for Windows 95. Other remote access applications require multiple connections to do multiple tasks but with LapLink's one step remote access, you just click and connect. If you need access to information on a Windows 3.1 system, Laplink for Windows 95 is the smart choice with guaranteed connectivity to the 16-bit version of Laplink for Windows - included in the box.



Stay in touch while on the road

When you need to access information, Laplink keeps you connected to your office PC or network from wherever you are - 5 feet or 5,000 miles away. Now you can run databases and custom applications, transfer files, synchronise data, remotely control a PC, read and send e-mail all with one application - even the Internet. No matter where, when or how you work, Laplink delivers the freedom to connect from everywhere.

Designed for Microsoft Windows 95

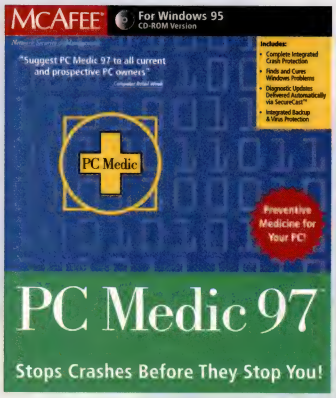
PC PRO RECOMMENDED

STOCK CODE: TBA101

$219

PC Medic 97

Stops Crashes- Before They Stop You!



Protect against software crashes

Have you ever lost work to a system crash?

You've spent an hour or two between saves and your work disappears, to be replaced by an obscure message like Stack Overflow? If you work with WIndows 95 based applications, it's bound to happen. PC Medic 97 provides a GPF stopping alternative which saves your work. It recovers from 16 and 32-bit system crashes and allows you to gracefully exit your application without rebooting. You can define threshold levels so Crash Monitor can alert you before critical hard drive problems occur.

Finds and fixes Windows problems immediately

Have you ever installed software only to find that things that worked yesterday don't anymore? Now there's a tool which can resolve these problems - without hour long technical support phone bills!

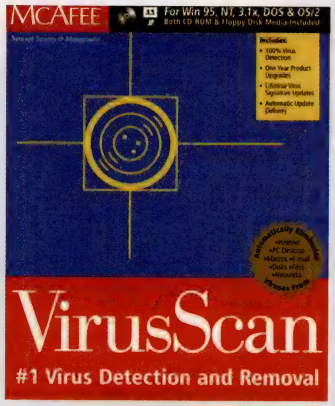
- **Stays Up-To-Date with FREE automatic Internet upgrades**
- **Optimises WIndows performance**
- **Provides expert advice on thousands of problems - 24 hours a day**
- **Automatic backup - Fast restore**

MCA038 PC Medic 97 ..... **$99.95**

McAfee Viruscan

MCAFEE Network Security & Management

No.1 In Virus Detection & Removal!



Every month, over 200 new viruses damage data and productivity. These viruses are unintentionally received through disks, bulletin boards, on-line services, e-mail, the Internet and organisational networks. Why have millions chosen McAfee VirusScan for their security? Superior virus detection, removal and support services. VirusScan natively supports a variety of desktops with features to keep your system immune from these viruses.

VirusScan scans all system areas to provide extensive security including local and network drives, CD-ROMs, floppies, boot sectors, file allocation and partition tables, folders, files and compression files. It accurately cleans most virus infections from files, master boot sectors, partition tables and memory.

Features

- One year free upgrades
- 100% Virus protection with Hunter technology
- Convienient to use!
- Security with service and support
- #1 Worldwide anti-virus Market share

MCA034 VirusScan 3.0/95/NT - CD **$79**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard Bankcard

INTERNATIONAL

SOFTWARE WAREHOUSE Pty. Ltd.

HOT UTILITIES

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

ReachOut - Remote Access

Reach Any PC, From Everywhere, Everyway

Away from your office, but need remote access to files, data, or application from your PC? It's easy with the award winning ReachOut 7.0 from Stac. ReachOut is the only all-in-one box solution to provide remote access from, and to virtually any PC running Windows NT, Windows 95, Windows 3.1, or DOS.

For after hours workers, business travellers, telecommuters, home office workers, mobile executives, road warriors, and held desk personnel. Access all files, applications, and databases. Ideal for sending and retrieving important files, editing documents, updating spreadsheets, chatting, or helping remote users.

From everywhere you want to be, Stac's ReachOut 7 provides secure remote access to all files, applications, and databases back on your office PC, your network, or any PC you are designated to access.

Don't have ReachOut with you? No problem! Simply log onto the Internet, use a leading browser to download a ReachOut Passport Plug-in or ActiveX, and within seconds you'll be directly controlling your office PC.

Fast Secure Remote Access

Numerous, award winning security features assure exceptional password, callback, IntruderGard lockout, encryption, and virus checking procedures. ReachOut also offers automatic installation, connection wizards and scripts, and simple drag and drop file transfer.

ReachOut is so fast that using it is just like sitting in front of your desktop and with ReachOut Passport you can remotely access your Internet connected PC using popular web browsers with lighting speed. There's no need to even take ReachOut with you.

ReachOut is a proven winner - outdistancing all other brands in "Choice", "Best", "Recommended", and "First" awards from major computer publications.

Best of all ReachOut is easy to set up and use.

Stac®
www.stac.com

STOCK CODE: STC002

$249

ZetaFax 5.0

Fax Software for PC Networks

The most advanced fax software for your PC Network

Zetafax, the first fax server for Windows NT to enter the Australian market now combines fax and e-mail to provide a complete communications solution. Great for integration with existing corporate systems, Zetafax 5 supports ODBC (Open Database Connectivity) compliant databases from Microsoft, Sybase and Oracle. Users can access existing corporate databases for fax addressing, without the need to import database information into the fax server's address book.

Now sold in over 25 countries, this is the world's favourite LAN fax software for Windows NT. Zetafax is both scalable and adaptable. It supports Windows 95, Windows 3.1, 3.11 and Windows NT 3.51and 4.0. It runs on Windows NT Server, Novell NetWare, and just about every other PC network. The e-mail gateway option integrates with Microsoft Exchange, Microsoft Mail, Lotus CC:Mail, Lotus Notes and GroupWise.

NEW PRODUCT

Features

- Send & receive faxes directly from your workstation
- Use existing address books for faxing
- Send faxes from any windows application
- Support inbound routing & broadcasting faxing
- Scalable from 5 to 1000 user networks
- Add additional fax lines or users when
- Fax easily as printing
- A Microsoft recommended fax solution

Stock Code EQU016

$799

5 user license

EQU007 Zetafax 10 user license **$1099**

EQU017 Zetafax 25 user license **$2299**

CD-Quickshare

The Fastest Way to Share All Your CD-ROMs Over a Network

Stac's CD-Quickshare Network Edition is a fully proven software-only solution that gives all your networked and remote Windows users fast, simultaneous access to shared CDs.

CD-Quickshare stores compressed CD images on your server's available disk space, which essentially transforms any file server into a powerful CD-ROM server in just minutes

Minimise Investment In CD-ROM Hardware

CD-Quickshare eliminates the cumbersome, time-consuming tasks of mounting CDs and managing multiple CD inventories. It completely replaces complex, expensive mechanical methods with a software solution.

CD-Quickshare delivers reliable, uninterrupted CD-ROm services-and makes every one in your organisation more efficient.

Ideal for:

- Health Care
- Finance
- Legal
- Government
- Manufacturing
- Database and Image Management
- Publishing Education
- Mobile workers

Features

- Provide fast CD-ROM access on non network202ed machines.
- Switch instantaneously between CD-ROM titles
- Maximise hardware investments
- Increase battery life of notebook computers (even those with a built in CD-ROM)

Designed for Microsoft Windows 95

Stac®
www.stac.com

STC001 CD-Quickshare (unlimited users) .. **$1799**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **Bodyworks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by Fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

MEMORY

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

RESCUE

What would you do if you lost all your data... ...right now?

Data recovery for every Windows 95, Windows, and DOS user.

Rescue Data Recovery Software gives you added peace of mind and handles the greatest concerns of all PC users; drive crashes and data loss! Through its automated procedures and patented "smart" recovery technology, RESCUE helps you to recover one of your most precious possessions; your computer stored information, graphics and data.

Be Prepared...

When disaster strikes reach for RESCUE, the best selling data recovery software for Windows and DOS users. RESCUE is so simple to use. By just pressing a few keys, or with a click of a mouse, anyone can start recovering their own data in a matter of minutes. There's absolutely no technical expertise required!

Your Insurance Against Data Loss

Nothing can stop your hard drive from crashing when its time is due, but RESCUE, like an insurance policy, gives you the peace of mind and the security of knowing your data is safe and available when you need it.

RESCUE Gets Your Data Back, Fast

With RESCUE's patented recovery technology you'll automatically and safely bypass the crash to quickly retrieve your valuable data.

Prevent Lost Time, Lost Work

Instead of agonising for countless hours in front of your computer, let RESCUE do the work for you and recover all your Windows and DOS files including: word processing, spreadsheets, databases, graphics, games, deleted or erased files and even data from compressed drives.

Easy to use:

RESCUE is the most advanced, yet simplest to operate, data recovery software in the market today. It is the first true do-it-yourself data recovery software available.Unlike other recovery utilities that require advanced computer and software understanding, RESCUE operates independently and automatically, executing the recovery actions necessary to retrieve data from crashed hard drives and floppies.

What the press are saying

"In the past general failure messages left you few options. Norton, Central Point or Mace Utilities weren't likely to help.... Now there is a better solution ... RESCUE can recover data from all but the most thoroughly trashed disk... RESCUE works miracles..."
Infoworld

"RESCUE is a real life saver"
Mobile Office Magazine

"RESCUE goes further and recovers data even if it is corrupted or if the disk is physically damaged by holes or scratches"
Personal Computer Magazine

"If you're familiar with the message "error reading drive,Abort, Retry, Fail?" then you know that sinking feeling> RESCUE can now render that message meaningless!"
CFO Magazine

STOCK CODE: NIT003 $119

NEW Features...

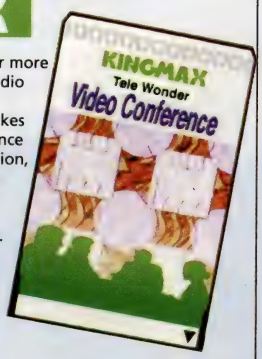
- Fully automatic data recovery for hard drives and floppies
- Works on compressed drives
- Works on deleted files
- Fast, easy, safe

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Video Conference Card KINGMAX™

Kingmax Video Conference cards make your mobile computer more friendly into multimedia tools. You are able to dend video/audio signal via standard telephone line (POTS), ISDN, Local Area Network, Cellular phone service Internet. Tel Wonder also makes it more convenient for real time two-way conferencing, distance learning, business negotiation, remote video capture application, and so on. Capture driver and image-editing software will be bundled for your further application. The compatibility with Video Conferencing Communication software such as VDOphone, CuSeeMe, ProShare will give your more flexibility.



Features

- Compatible with Zoomed-Video standard
- Available with POTS, ISDN, LAN and Internet
- Plug and Play installation
- Video play with full screen and full motion
- High performance
- True-Colour resolution
- High resolution portable colour digital camera

Specification	
Card Type	PCMCIA Type I / II
Card Interface	Zoomed Video support socket
External Cable	24" shielded cable (from camera to PC Card)
Video Standard	NTSC digital colour camera
Performance	Motion video capture rate: 30 frames/Sec
Video Resolution	YUV 4:2:2 9-bit Multiplexed video stream
Video Output	Contrast, brightness saturation, sharpness, white balance, exposure, gain control, gamma correction, and mirroring
Transfer Range	Up to 27MB/sec
Software	Support Video for Windows (VFW) Video Capture and image editing software
System Requirements	Notebook PC with ZV port socket
Audio Output	Windows 95 sound system compatible driver (Wave and Mixer)

KMX011 PCMCIA Video Conferencing Card **$449**

KINGMAX™ DRAM-Memory

Kingmax Technology - specialists in memory upgrade

LifeTim Warran

All memory upgrades are tested by Kingmax and come with a life time warranty.
Kingmax has a range of specific and generic memory upgrades for most types of Notebooks computers, most brand laser printers and digital cameras.

ACER	DUAL	NEC
APPLE	FUJITSU	SHARP
AT&T	GATEWAY 2000	SIEMENS NIXDORF
CANON	HEWLETT/PACKARD	SPICA
COMPAQ	IBM	TEXAS INSTRUMENTS
CHAPLET	MICRON	TOSHIBA
DELL	MOTOROLA	FIC
TECO	TWINHEAD	

Popular Kingmax memory includes:

168 -Pin FPM/EDO/ECC Synchronous Buffer/Unbuffer 8~128MB
144 - Pin FPM/EDO/ECC Synchronous 3.3v/5v SO BIMM 8~64MB
72 - Pin FPM/EDO/3.3V/5V SO DIMM 4~64MB

Call for pricing

Web site: http://www.kingmax.com

Kingmax DRAM-Memory (call for great pricing)

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

NETWORKING

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

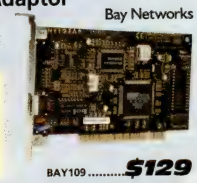
Netgear

NETGEAR a Bay Network's Company is the first connectivity provider focused exclusively on the Small Office/Home Office (SOHO) market, offering top-quality technology, extensive warranties and comprehensive service. Such connectivity use to be expensive and out of reach to small businesses. But not anymore.

FA310TX PCI 10/100 Ethernet Adaptor

Bay Networks

The FA310TX is an auto-sensing 100BASE-TX Fast Ethernet PCI adaptor designed to support the next generation multimedia power-applications.



Features:
- 10/100 Mbps to operate with 10 Mbps or 100 Mbps hubs or switches
- Single, auto-sensing RJ-45 port
- Lifetime warranty and free technical support

BAY109 ..... **$129**

FE104/108 Fast Ethernet Hubs

With 4- or 8- ports, they are designed for small networks with data-intensive applications, including multimedia, groupware, imaging and databases.

Features:
- 4- or 8- Fast 100Mbps ports
- Plug-and-play–no software needed to configure
- Vista built-in-port LEDs clearly indicate port status
- Push button RJ-45 uplink port for network expansion
- 5 year warranty

BAY122 FE104 Fast Ethernet hub **$359**

BAY123 FE108 Fast Ethernet hub **$725**

EN100 Ethernet Hubs

The EN100 series includes 4-, 8-, and 16-port hubs featuring an extremely slim-line design with all the functionality and ease of use you need.

Features:
- Vista built-in port LEDs clearly indicate port status
- External Power Supply
- Push button RJ-45 uplink port for network expansion
- Limited lifetime warranty

BAY104 16 Port 10BaseT W/AUI and BNC **$369**
BAY105 8 Port 10BaseT W/AUI and BNC **$169**
BAY108 4 10-BaseT Port with BNC Port **$125**
BAY130 8 Port 10BaseT (only) **$129**
BAY131 4 Port 10BaseT (only) **$99**

FE500 Fast Ethernet Stackable Hubs

With Internal Power Supply

The FE Series 100BASE-TX Fast Ethernet hubs provide a cost effective way to relieve bandwidth bottlenecks and help future proof your network.

Features:
- Expandable from 8 to 64 users
- Plug-and-play–no software needed to configure
- Vista built-in port LEDs clearly indicate port status
- Push button RJ-45 uplink port for network expansion
- 5 year warranty

BAY100 8 Port 100 BaseTX stackable **$1099**

BAY101 16 100 BaseTX stackable **$1999**

EN308/516 Ethernet Hubs

With Internal Power supply

The EN308 and EN516 are simple 10BASE-T hub ideal for users who need an easy to install, easy to use solution.

Features:
- RJ-45 uplink port for network expansion
- AUI/BNC backbone support
- Internal power supply
- Limited life time warranty

BAY120 EN308 Ethernet hub **$199**

BAY121 EN516 Ethernet hub **$385**

Ethernet Switches

With Internal Power Supply

The SW Series Ethernet switches enhance productivity and network reliability by segmenting the workgroup into smaller units.

Features:
- Switch-selectable half/full duplex
- Plug-and-play–no software needed to configure

BAY102 6 Port 10Base 10/100 BaseT **$1259**
BAY103 2 Port 10/100 BaseT **$769**
BAY132 2x10/100+ 8x10 port **$1279**
BAY133 2x10/100+ 16x10 port **$1919**
BAY134 8x10 Mbps port **$690**
BAY135 8x10/100 Mbps port **$2119**

APC UPS's

Why do you need power protection? An uninterrupted power supply keeps your equipment safe from power events including surge, swells, brownouts and blackouts – and keeps you safe from downtime that power problems invariably produce.

Back-UPS Pro
- Performance protection for advanced workstations
- Automatic Voltage Regulation
- Multistage surge protection
- Plug and play with Win'95
- User Replaceable, Hot swappable
- Line-interactive Design
- Communication Interface Port

Smart UPS
- Performance Power management for advanced business networks
- SmartBooster and SmartTrim
- Nine Wave output
- Available in Rackmount and Extended Run modules
- SNMP Support Available
- Intelligent Battery Management

All have 2-year warranty

Product Code	Description	Price
Back-UPS Pro Plug and Play	See below for Powerchute plus operating system	
APC001	Back-UPS Pro 280 Pnp	$309
APC002	Back-UPS Pro 420 Pnp	$449
APC003	Back-UPS Pro 650 Pnp	$519
Smart-UPS and Powerchute Plus		
APC004	Smart-UPS 450 with Powerchute plus	$669
APC005	Smart-UPS 700 with Powerchute plus	$719
APC006	Smart-UPS 1000 with Powerchute plus	$1129
APC007	Smart-UPS 1400 with Powerchute plus	$1488
APC008	Smart-UPS 2200 with Powerchute plus	$2309
APC009	Smart-UPS 3000 with Powerchute plus	$3249
Surge Protection		
APC010	ProtectNet for telephone and Modem lines	$35

SmartUPS ships with Powerchute plus for NT, Powerchute plus for Netware, Powerchute Plus for Windows, PowerNet SNMP Agent for Netware,HP NetServer Assistant Support(NT and NetWare), Microsoft SMS Support, Compaq Insight Manager (NT and NetWare) Lotus Notes Shutdown Support, DMI Support, Netfinity Support, PowerNetSNMP Agent for NT & SCO UNIX

Back UPS Pro ship with Powerchute Pro PnP for Windows 95, Windows for Workgroups and Windows

APC® AMERICAN POWER CONVERSION

Essential hardware protection

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

- **Price Pledge** — We will beat any advertised price on any identical product. Subject to terms & conditions P3
- **Free Gift** — With every order choose a free gift from the selection on page 3.
- **Fast Delivery** — Overnight delivery on 90% of orders
- **Free Delivery!** — We do not charge for delivery on orders over $200, providing they weigh less than 1Kg. For other deliveries see chart on page 3.
- **Nationwide Delivery** — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.
- **Massive Stocks** — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.
- **All Welcome!** — We always service the individual buyer, small business and large corporation to the same high standard.
- **No.1 Service** — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

intel Means Faster and Simpler Networks

Intel's family of networking products utilises the Intel Architecture inherent in you PCs to give you more control over your network at less cost.

Each product, from a simple adaptor card to a Fast Ethernet hub, is designed to integrate seamlessly with your existing network infrastructure. This minimises disruption and maximises performance. Making your network simpler to run and faster to use.

NT100	Intel EtherExpress Pro/100 TX-PCI	$139
INT101	Intel EtherExpress Pro/100 TX-PCI 5 pack	$659
INT102	Intel EtherExpress Pro/100 TX-PCI 20 pack	$2499
INT103	Intel EtherExpress Pro/100 TX-PCI 80 pack	$8999
INT104	Intel Express Stackable Hub 12 ports	$1849
INT105	Intel Express Stackable Hub 24 ports	$2870
INT106	Intel Fast Ethernet Workgroup (1x Express stackable12 port hub + 10xPro100 adapters)	$2750
INT100	Intel Express 10/100 8 Port Switch TX Uplink Module	$2399

Intel Pentium and Motherboards

Building or upgrading your PC, then do it with Intel

intel®

INT108	Intel Pentium 166 MMX in box with fan 2.8v	call
INT109	Intel Pentium 200 MMX in box with fan 2.8v	call
INT110	Intel Pentium II 233 MMX in box with fan 2.8v 512k	call
INT111	Intel Pentium II 266 MMX in box with fan 2.8v 512k	call
INT112	Intel PD44OFX Portland box Motherboard Pentium II 233-300 MHz with audio	call
INT113	Intel PD44OFX Portland box Motherboard Pentium II 233-300 MHz no audio	call
INT114	Intel PD44OFX Providence in box Dual Pentium Pro 1800	call
INT115	Intel PD44OFX Providence in box Dual Pentium Pro 200 ATX Form Factor	call

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Upgrading and Repairing PCs Sixth Edition

The most up to date technical reference manual available

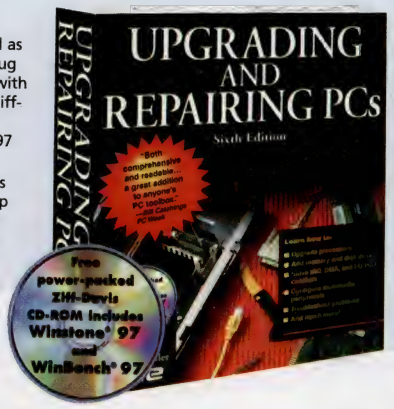
No Matter What Kind Of PC You Have, This Book Has The Upgrading and Repairing Answers You Need!

Far more than just a "repair" manual, Upgrading and Repairing PCs, Sixth Edition is simply the most comprehensive PC support reference available. Discover the best way to access your system, install hardware, and troubleshoot problems. Learn about the latest state-of-the-art motherboards, processors, memory, and disk drives.

This book addresses all PC-compatible systems, from notebooks to towers, as well as Windows 95 and the new Plug and Play standard.Included with this invaluable reference is Ziff-Davis benchmarking and diagnostic tools - Winstone 97 and WinBench 97.

Completely test your system's performance with today's top software products. Compare relative system performance before you purchase a computer.Measure the difference made by the system tuning and optimizing techniques shown in the book.

Fully test each of your computer's subsystems and eliminate performance bottlenecks.



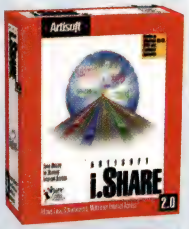
QUE001	Upgrading & Repairing PC's	$89
QUE002	Upgrading & Repairing PC's (Hard Cover)	$109

Artisoft i.Share v2.0

i.Share 2.0 is the way to save money.. ..While giving everyone on your network access to the Internet. i.Share provides simultaneous Internet access for every Windows 95, 3.11 or NT 3.51 client on your network from a single, secure access point on a Windows 95 server, now you only need:

One Internet account, one phone line connection, one IP address and one TCP/IP stack (server only).

No need to have a separate ISP and phone connection for each user, cuts administration expenses, and reduces memory usage on each PC requiring Internet access. Additional features include Eudora Light e-mail client software; Tierra Highlights Internet monitoring and alert software; NetCentric FaxStorm software for cheaper faxing over the Internet; Forte FreeAgent news reader; and Kali Internet gaming software.



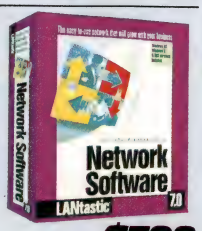
3.5

ART048 Artisoft i. Share v2.5 for MS/LAN/Netware $259

LANtastic V7

The first Internet-ready network for small businesses

LANtastic version 7.0, upgrades the award-winning LANtastic network operating system with more speed, memory handling, expanded communications and new Internet/WAN connectivity features. LANtastic combines these newly enhanced capabilities with ease-of-use and industry-low prices that have made LANtastic the leader in small-business networking.



ART018	LANtastic V7 2 User Starter Kit	$399
ART021	LANtastic V7 Single User Addon Kit	$215
ART022	LANtastic V7 Single User CD	$115
ART023	LANtastic V7 Single User 3.5	$130
ART024	LANtastic V7 10 User CD	$465
ART026	LANtastic V7 Unlimited User CD	$915

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.
VISA MasterCard AMERICAN EXPRESS

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

MULTI-MEDIA

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

COMPRO Super Pack

Open the Compro Super Pack and find your choice of a fast Compro 12X or 24X CD-ROM drive plus Sound Card and a pair of Compro Stereo Speakers

For even greater value to the 1997 Best '7" pack, 7 new fantastic CD titles have also been included.

3D/EYE TriSpectives 1.0
TriSpectives is a complete 3D-drawing program for Windows 95. With over 1,000 professionally designed 3D Intellishape models, you can use TriSpective to create amazing 3D animation, illustrations and drawings.

Asymetrix Digital Video Producer 4.0
Asymetrix Digital Video Producer 4.0 is the easiest tool available to assemble digital movies and edit video and audio clips on your desktop PC

Asymetrix 3D F/X 2.0
3D F/X is graphics and animation software that allows Windows 3.1/95/NT users to create high impact professional-quality rendered images and animation.

Compel 2.0
Interactive presentations made easy. Work with text, graphics, animation, sound and video to create stunning interactive presentations.

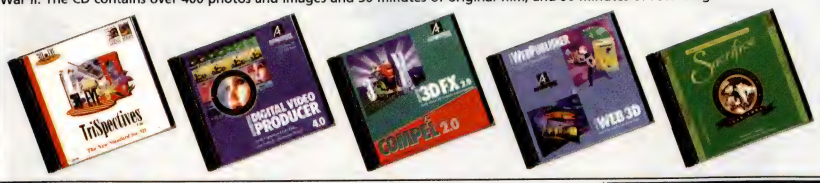
Web 3D
Web 3D is the easy way to put incredible 3D images and design elements into your home pages. Compelling graphics and up-to-date information are keys to getting new and repeat visits to your home page.

Web Publisher
Choose from 20 different completed sets of professionally created theme templates, which include banners, buttons, backgrounds and other Java powered graphic elements.

Encyclopedia Of Their Sacrifice
Their Sacrifice CD ROM captures the sounds, sights, thoughts and lives of Australians both at home and at war during World War II. The CD contains over 400 photos and images and 30 minutes of original film, and 90 minutes of recordings.

CMP001 **Compro Super Pack (12x CD ROM Drive)** **$299**

CMP002 **Compro Super Pack (24x CD ROM Drive)** ... **$349**



The 1997 Best '7' Pack includes: Grolier 1997, Mega Race 2, Master clips 10,000, Chess Master 4,000 Turbo, Mavis Beacon Teaches Typing, US Atlas, and World Atlas.

ASYMETRIX

COMPRO Digital Internet Camera -Premium Pack

Make your creative ideas a reality with the COMPRO Digital Camera!

The COMPRO Super Pack comes with the following software;
D-Viewer, a user friendly Windows compatible software application that allows full control of d-Cams functions for optimal image capturing.
AVI Driver - A Microsoft MCI compliant software driver that allows you to interface the camera directly to your favourite Video Conferencing software or any other AVI application.
TWAIN Driver - An industry standard still image capturing device driver that allows you to interface the camera directly into your favourite TWAIN compatible image enhancement, painting or Photo ID software.

The Compro Super Pack consists of:

- Compro Digital Camera
- Fiber & Wireless Mediafone Video Conferencing Software - An easy-to-use yet feature rich Video Conferencing software that allows you to conference over the Internet and Normal Telephone line.
- Ulead Video Capture / Editor - A useful motion picture capturing tool that allows you to record video and audio clips and save to AVI files.
- Ulead Image Editor / Viewer - A powerful still image enhancement and photo touch-up tool that gives you full control over image characteristics, a special effects and painting functions to create your ideal picture.
- Ulead Photo Album - A user friendly image database that allows graphical browsing and retrieval of images. Supports OLE feature that enables you to drag and drop
- Ulead Imorph Editor software - Allows you to generate fantastic Hollywood morphing effects found in the movies.
- Asymetrix Video Producer Version 4.0 Software -
- Compro Microphone on Stand

Designed for Microsoft Windows 95

CMP003 **Compro Internet Digital Camera** **$359**

COMPRO CD Recorder Kit

High Speed Operation - The 4x writing speed reduces the time taken to complete write operations compared with conventional CD recorders. The 8X reading speed is capable of fetching up to 1.2MB per second
Fixed and Variable Packet Writing - Compro CDR 7502 supports fixed and variable packet writing which significantly reduces the overhead of incremental writing. Also supports Direct CD
Running Optimum Power Control (OPC) - Compro CDR 7502 supports OPC which dynamically regulates the laser power to suit media from different manufacturers which means most CDs can be used with Compro CDR 7502
Easy Installation and Operation - Compro CDR 7502 CD-Recorder kit includes a [plug and play SCSI card and comprehensive user manuals to ensure smooth installation and operation. The CD recording software offers intuitive Graphical User Interface with detailed on-line help.
Highest Reliability - Compro CDR 7502 Drives are developed and manufactured by Matsushita in Japan to ensure the highest reliability. Each drive has been carefully calibrated to conform to major CD standards.

COMPACT disc Recordable

The Compro CD Recorder Kit consists of;

- Panasonic CW-7502 Drive (4 write X 8 read)
- Adaptec SCSi controller card
- Gear CD mastering software and Direct CD software
- Asymetrix WEB3D and WEB Publishing software
- Asymetrix Compel 2.0 and 3D F/X 2.0 software
- 2 Blank CDs plus a 16 CD carry case

CMP004 **Compro CD Recorder Kit** **$999**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1 MasterClips 1000

A collection of professional colour clipart

2 Starfish Internet Utilities

Manage your diary, contacts, meetings and communications via the Internet.

3 Bodyworks V3

Learn all about the human body with multi-media guide.

4 TurboCAD V1 Windows

The most significant release of any CAD software this decade

5 EZ Language Version 1

EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages

6 Leonardo the Inventor

A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

MULTI-MEDIA

INTERNATIONAL

SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

AI Gotcha 2
Portable Video Capture

Take snapshots of your favourite images from Camcorder, VCR, or other Video source in 16.7 million colours into your PC. You can use photos for multimedia presentations, web page publishing, disk-based catalogues personal photo albums, image database, digital greeting cards, newsletters, e-mails and much more. This is a simple plug-in (parallel port) and play device providing a high quality portable capture solution. By connecting to a video source, whether composite or Y/C, an extremely high quality image can be captured (1600 x 1200 dpi) into any of the supported graphic file formats.

Features

- AiGotcha! Real-time image capture software
- Internet audio postcard
- Parallel port extension cable
- AIGotcha hardware (NTSC/PAL)
- Video Craft Multi-Media suite of special effects
- Pass through printer connections

ASS010 **AI Gotcha** **$329**

Pocket Scan Converter (PSC 1106)
Put your business presentations on the big screen.

Using the Pocket Scan Converter in conjunction with your notebook computer (or PC), any presentation can be displayed on a TV or recorded onto video tape, making the Pocket Scan Converter ideal for business, education and training applications. This compact device simply plug into your notebook/PC and the other end into a TV/Video to put your presentations onto the big screen. And when the work is done,play computer games on your TV. Designed with flicker reduction circuitry and S-VSH support, the Pocket Scan Converter produces extremely vivid, high quality images with up to 16.8 million colours.

ASS001 **PSC 1106** **$229**

WaveWatcher TV PCI Card

Video capture (to 30 f.a.s.) and TV tuner PCI card with remote control

This professional Video capture and TV tuner PCI adaptor provides resolution up 768x560 at 30 fps or single frame, and display mode up to 1280x1024 in 24 bit true colour
This simple to use Plug-n-play installation makes getting started a snap. The WaveWatcher PCI provides superior performance for PCI bus, eliminating the need for feature connector as well as the VGA looping cable.

A MultiMedia Studio on Your Computer
Capture full motion video direct from your TV, camcorder of VCR with CD-quality sound. Includes Media Studio Pro 2.5 professional editing and special effects software. MS 2.5 allows the creation of professional full motion multi-media clips with up to 101 simultaneous video and audio tracks.

125 Channel TV Turner
Featuring 125 Channel TV Turner with Background viewing. Simply plug your television antenna input directly into your computer and watch your favourite shows and movie on UHF or VHF while running other applications.

Video Conference Enabled
Works with your video camera, modem and video conferencing software for improved image resolution and faster frame rates. Includes Unled's MediaStudio 2.5 Video Editing Software

ASS006 **WaveWatcher (PCI Card only)** **$359**

Video Conferencing U/G Kit

Ideal add-on for the Wavewatcher TV PCI.or any other video conferencing capable system. The package includes an elegant camera (320 TV lines, auto pan focusing, auto balance and more) high resolution composite video camera, stereo microphone, and VDO phone conferencing software.

ASS009 **WaveWatcher Video Conferencing Kit** **$345**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

VideoDirector Studio 200
Turn your raw video footage into perfectly edited productions.

NEW PRODUCT

Editing your video use to be a juggling act - trying to fast-forward to just the scenes you want to copy.

Choose the best, edit the rest!
Just play your video through the VideoDirector Studio mixer and it automatically detects and marks the beginning and end of each new scene. Then grabs the first frame of every scene and remembers where it is on the tape. To edit, just drag and drop your favourite scenes in the order you want. It couldn't be easier!

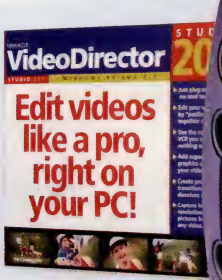
Tell the story with titles and transitions.
Once you have selected your scenes and put them in sequence, you can add true, professional-quality transitions - choose form over 100 Wipes, Fades, and Dissolves! Or add coloured, transparent, or drop-shadow titles.

Now here this.. A professional sound track
Next, record some narration for your video, add music, and even sound effects. VideoDirector Studio 200's audio features give you control of the soundtrack of your personal production.

As easy to use as your camcorder!
When you have finished with your production, just click on "Make Tape." VideoDirector remembers the location of every scene on your source tape and then automatically finds and record each shot and effect your have selected. In minutes, you will have all the highlights to your video on one exciting tape.

Easy to install - Start editing in minutes!
Setting up VideoDirector Studio 200 to work with your PC is easy! Just attach it to your computer's parallel port, connect your camcorder and VCR using standard cables, and you are ready to go. Best of all, you don't have to open up you computer and VideoDirector does not fill your hard drive with huge video capture files.

Grab high-resolution video frames in a snap!
Video Director Studio 200 captures still frames from your videos, too. Just pick any image your camcorder can see and grab an instant digital "Snapshot". You can add it to any PC document, or even edit it back into your next video production.



Package Includes

- VideoDirector 200 Mixer: (Connects to your PC's parallel port. Includes S-video and composite video inputs/outputs and printer pass through.)
- Smart Cable (Controls your camcorder and VCR)
- VideoDirector 3.0 software
- Title Editor 3.0 software
- Audio Editor software
- CD-ROM of Clip Media

BEST OF 1997 RetailVision · NEWMEDIA MAGAZINE THUMBS UP · VIDEO camera AWARDS · VideoDirector 200 · Windows EXPERTS' CHOICE · Videomaker BEST PRODUCT OF THE YEAR · the BEST of EVERYTHING

Stock Code NIT004

$649

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA · MasterCard · bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

MULTI-MEDIA

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Sound Blaster AWE64 Value

From the highly acclaimed AWE series comes the Sound Blaster AWE64! The latest addition to the award winning Sound Blaster family offers the best combination of PC audio hardware and software for musicians, power gamers, multimedia enthusiasts and Internet wizards. Make your favourites come alive with incredible audio realism. Experience smooth, expressive and realistic true instrument reproductions, as well as amazing sound effects with the renowned EMU8000 WavEffects synthesiser and Creative WaveSynth/WG. In addition, enjoy advanced audio technologies that include E-mu 3D Positional Audio and SoundFonts, an exciting array of INTERNETed. A slew of high quality, useful audio software and utilities for all your multimedia needs.

- High Performance, Low Noise, Advanced Wave-Table, 16-bit CD-Quality Record and Playback
- 512K Onboard RAM for Downloadable SoundFonts and 3D Positional Audio
- Professional Sound Editing Software Bundled

Designed for Microsoft Windows 95

CE030 SoundBlaster AWE64 Value **$189**

PC-DVD Encore DXR2

Creative's next generation PC-DVD kit is a complete hardware solution that comes with Creative's unique DynamicXtended Resolution Technology for the ultimate DVD experience. Watch awesome Hollywood MPEG-2 quality movies and immerse yourself in big theatre Dolby AC-3 Digital Surround Sound - all on your PC or even on your big screen TV. This drive is also fully compatible with all CD-ROM formats at speeds exceeding 20x.

- Full colour, smooth double scanned 60 fields per second playback, on a full-screen 1280 x 1024 resolution at high-refresh rates.
- Crisp, high-definition, MPEG-2 video with Creative DynamicXtended Resolution picture-enhanced technology.
- Playback of Video-CD MPEG-1 movies
- Simultaneous display on TV in NTSC or PAL format
- Professional Dolby Digital (AC-3) output for 5.1 multi-channel amplifier.
- 20x-speed CD-ROM Drive with super fast 90ms Data Access and transfer time

CRE040 PC-DVD Encore DXR2 ..... **$799**

Netwave MX Combo Modem

Future-proof your Internet access with Netwave MX, the affordable 33.6kbps - ISDN solution. It's the smart internal modem card that grows with your needs and your business. The flexible DSP chipset firmware means that you can upgrade the 33.6kbps voice-fax-modem to the emergent 56kbps standard without spending a cent or step straight up to 128kbps ISDN, all using the one board. Plus use DSVD to talk, exchange files and share applications on the one call.

CRE034 NetWave MX combo Modem **$259**

Video Blaster Multimedia Internet Toolkit (VBIE500)

Designed for Microsoft Windows 95

Creative Compact Video Conferencing CCD Camera

The Video Blaster Multimedia Internet Toolkit has the tools to expand your Internet experience and guide you to amazing multimedia production with simple-to-follow directions.

Here's what it has to offer: Creative's Video WebPhone - Combine with Creative's CCD Camera to see and talk to your Internet friends, family, or business associates in any part of the world at local rates! Easy-to-follow steps to your own web page creation.

- Make Long-Distance Video Phone Calls on the Internet at Local Rates
- Create Everlasting Family Albums with Pictures, Video Footage, Text and Sound
- Produce and Edit Your Own Video and Add Special Effects for Stunning Results

CRE031 Sound Blaster CD MM upgrade **$279**

CRE036 Creative Compact Video Conferencing CCD Camera **$185**

PhotoEssentials

Hi-Res Royalty-Free PhotoCDs

This dynamic suite of 17 discs, each featuring 100 images, was created to provide designers and artists with a royalty-free photo library for everyday use.

The images are high-resolution PhotoCD format (3072 x 2048 pixels) for both Mac and Windows, and are easily used with most popular page layout and photo-manipulation programs.

PhotoEssentials features popular themes with advertising quality model-released photography.

PhotoEssentials Sampler Disc. Includes 50 FREE HI-Res images plus low-res browsing images from the entire range.

Topic Discs

CAN200.....Sampler Disc
CAN201.....Colourful Objects
CAN202.....Lifestyle & Recreation
CAN203.....Real Australia
CAN204.....Corporate Images
CAN205.....Backgrounds of Substance
CAN206.....Corporate People
CAN207.....Elements of Nature
CAN208.....Architecture & Stone
CAN209.....Industry & Transport
CAN210.....Images of the World
CAN211.....Flowers, Plants & Gardens
CAN212.....Colourful Backgrounds
CAN213.....Natural Backgrounds
CAN214.....Buildings & Detail
CAN215.....Beyond Planet Earth
CAN216.....Executive People
CAN217.....Still Life Art

Mac and PC compatible

Topic Discs each ... **$100**

CAN220 Sampler Disc **$20**

Canon

Visit our website at http://www.photoessentials.canon.com.au/

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

MULTI-MEDIA

INTERNATIONAL

SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

STEALTH 3D 2000

Outrageously fast 2D, 3D and video

With the recent boom in multimedia, everyone wants brilliant graphics that display instantly. In order to get the best visual quality you need Stealth 3D.
Once installed in your PC, Stealth dramatically improved graphics and overall system performance through greater resolution, more colours and greater speed. With Stealth 3D all your applications run faster and shifts between applications and pages are quicker.
Games, CD-ROMS and spreadsheets perform better and video playback is more vivid. Thanks to 64-bit graphics acceleration and new single cycle RAM technology, graphic arts, action games and 3D world on the Internet are more realistic than ever.

Features

- Incredible windows/DOS performance - adds horsepower to software and supports the wealth of new Direct3D Windows 95 games.
- Advanced 3D rendering - Advanced 3D engine dramatically improves the realism of 3D images by increasing performance by up to 100%.
- Full-screen, T.V. quality MPEG video - X and Y interpolation enables smoother scaling and playback of digital video.
- Displays PC software on your T.V. - Perfect for business professionals, teachers and trainers T.V. output allows you to display multimedia presentations and instructional PC programs using a T.V. as an extra monitor.
- 2 MB card upgradable to 4 MB

DIAMOND MULTIMEDIA

DIA030 Stealth 3D 2000 Pro **$249**

STEALTH 3D 3000XL

Professional VRAM graphics, Video and 3D

Get the most from your PC - from business applications to the Internet and desktop publishing to games to CAD - with the Stealth 3D 3000 series media accelerator. The Stealth 3D provides blazing fast 2D graphics, a professional 3D rendering engine and video acceleration, dramatically enhancing overall system and application performance in an variety of operating environments, including Windows 95, Windows NT 4.0 and 3.51 and Windows 3.1x. Combining dual-ported VRAM technology with 64-bit graphics, a fast 220MHz RAMDAC, quality video scaling and realistic 3D offers the power, resolution and dimension needed for today's demanding desktop multimedia applications.

Features

- Windows Acceleration
- High resolution and refresh rates
- Full-screen MPEG Video playback
- Professional 3D graphics

DIAMOND MULTIMEDIA

DIA032 Stealth 3D 3000 2MB **$339**

DIA031 Stealth 3D 3000 4MB **$409**

HP SureStore CD-Re Writable

7100i/7100e

- **Write, update and rewrite**
- **Create CDs for CD-ROM and audio players**
- **Simple as a floppy with all the qualities of a CD**

NEW PRODUCT

The new HP SureStore CD-Writer Plus offers you versatility. Think of RW-CD rewritable discs as a high capacity, durable floppy. With the HP SureStore CD-Writer Plus you can write, update, erase and rewrite up to 650 MB of data on a single CD, up to 1,000 times per sector per disc. Or make your CDs on CD-R media creating permanent archives of all your critical data with the assurance that the data is secure for up to 100 years.
Share information. With millions of CD-ROM readers worldwide, recordable CD is the ideal way to store and distribute powerful, effective and impressive multi-media presentations. And now with rewritable technology you can easily share or update information.
The HP SureStore CD-Writer Plus has built-in versatility. You can read all your existing data and music CDs, burn CD-R media and use the latest technology in write and re-write CDs.
It's easy to make your own CDs. HP SureStore CD-Writer Plus is the simplest way to make CDs. The CD-Writer Plus comes complete with everything you need to begin making CDs right away, including a blank HP CD-WR rewritable disc. A Multimedia QuickTour gets you up and running in minutes and the Intuitive software, included with your HP SureStore CD-Writer Plus, lets you create CDs with a simple drag and drop.

Features:

- Rewritable
- Easily connects to PCs parallel port interface
- Simplicity in making your own CDs
- Potable - share between PCs, laptops or locations
- Meets industry standards
- Performance - 2X recording speed allows you to write 100MB in approximately five minutes
- Multi-session compatible
- Capacity - 650 MB data or 74 min audio
- Durable media - up to 100 years shelf life (CD-R)
- Hewlett-Packard Customer Support via BBS, Website or Telephone
- Includes one year limited product warranty.

Package includes:
7100I - Internal drive: installation guide (CD), Adaptec Direct CD, Easy-CD Audio, CD Copier and Jewel Case Designer software, IDE data cable and one blank HP CD-WR Disc.
7100e - External drive: installation guide (CD) Adaptec Direct CD, Easy-CD Audio, CD Copier and Jewel Case Designer software, driver diskette, parallel data cable, audio cable, power supply and one blank HP CD-WR disc.

Designed for Microsoft Windows 95

HWP250 HP 7100I (Int) **$809**

HWP251 HP 7100es (Ext SCSI) **$989**

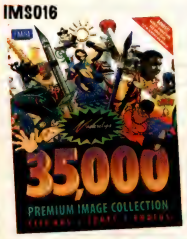
HWP252 HP CD Rewritable CD (5 Pack) **$59**

LNX001 Writable CD (5 pack) **$45**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

IMSI Masterclips 35,000

IMS016



Only $19.95

Spend over $50 & Buy Masterclips 35,000 (CD's Only) - For Only $19.95, a saving of $25!

For a limited time only.

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

MULTI-MEDIA

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Take Your Notebook Out Of The Prehistoric Era.

SOUND Mate

The SoundMate is specifically designed to bring old Notebooks into the multimedia age. This completely portable multimedia system includes a 12x CD-ROM and a 16 bit sound card all encased in a small lightweight multimedia unit.

Make your move into multimedia easily and simply as there are no messy cards to install, it simply connects to the parallel port of any Notebook or Desktop computer,

The SoundMate is fully Windows, DOS and Win95 compatible and comes complete with high quality amplified speakers, headphone set, carry case and all connector cables and driver software.

Also included is a FREE software package consisting of Asymmetric Web Publisher and Trispective 3D Eye Drawing programs, allowing you to create WEB pages up to any magnitude.

Package includes:

- Simple plugs into Parallel port
- Suits any Notebook or Desktop Computer
- Latest 12x CD-ROM Drive
- Amplified High Quality Stereo Speakers (Voted best speakers 1997)
- 16 Bit Stereo Sound
- Talking software warehouse Quality Carrycase

FREE Software Titles valued at $548

UTC002 **Sound Mate** **$599**

Idiot Proof Multi-Media

EASY Mate

– Just plug in and play.

- External 12x Speed High Performance CD- ROM
- Front Loading motorised tray, no caddy required
- High speed reading transfer rate (sustained) 1800KB/second using a high speed parallel port
- High speed access random average:110ms
- Supports High Sierra, ISO 9660, CD-ROM XA, Photo CD & CD-Audio formats
- MSCDEX compatible includes MSCDEX

Includes EasyMate Case, 12x CD-ROM and all Cables & Drivers. With bonus Asymmetrical Software - Web Publisher & Tri-Spectives 2D Eye

Bonus Asymmetrical Software

UTC001 **Easy Mate** **$399**

The Power To Create Your Own CDs

CDR Mate

ATAPI (E-IDE) CD Recordable
6 x Read - 2 x Write

CDRMate CD Writer offers the complete solutions for:

Designing: Creative Multimedia Presentations, Video, Animation, 3D-Effects, 3D Web pages

For Work: Sales/Marketing Information Distribution, Archiving Data & Company Profiles

For Home: Make Audio CD's, Save Important Data, Create Stunning Resumes, and Add 3D Web Effects to Home Pages & View Photo CD's

Archiving: Archiving Maximum of 740 MB of information storage

Provides fast random access to archive data in numerous market areas from graphic to multimedia

Provide low cost per Mb removable storage (Compact)

Provides good data integrity for long term storage

Flexible: Recording Disc can be read on every available CD-ROM player

Conforms to write-once format within the standards of the Orange Book Specification

Master disc for CD authoring studios (CD-DA, CD-XA, CD-Bridge Multi-session, CD-I, Video Data Recording and CD Audio)

NEW PRODUCT

UTC005 **CDR Mate 6 x Read - 2 x Write** **$649**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **BodyWorks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

MULTI-MEDIA

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Traxdata

CD ReWritable Recorders & CD Recorders

Everything you need for CD recording in a single box!

CDs provide the most cost effective and safe medium for long term storage and now with CD Recorders and CD-ReWritable recorders, they are the first choice solution for Data sharing, Distribution, Archiving, Computer Backup and audio Recording.

Traxwriter now offers the latest in technology with CD-RW Recorders which are at the leading edge of CD technology. The range of internal mounting and stand-alone recorder kits offers a selection of write/re-write/read speed combinations, and a variety of specialist mastering software to suit the requirements of the office or home.

TraxData's new range of CD-RW Recorders enable you to read, write and then re-write your CD's!

The new CD-RW offers a choice of 2x or 4x record, coupled with 2x re-write and 6x read speed.

Flexibility and Computability

TraxWriter CD-RW recorders allow you to record both standard CD-R and the new CD-RW media, depending on the application, ensuring maximum cost-effectiveness. Recorded CD-R discs can be read on standard drives (CD-ROM, CD-Recordable and CD-RW), as well as some DVD-ROM drives, while CD-RW discs can only be read on a CD-RW recorder.

All Platforms Compliant

Rewritable CD Recorders

Traxwriter CDRW2260 Starter Kit
2x Recorder, 2x Re-write, 6x Playback
Recorder kit includes:
- Traxdata CDRW2600 drive
- WinOnCD ToGo software

TRX140 **Traxwriter CDRW 2260 Int** ***$1099***

Traxwriter CDRW4260 Starter Kit
4x Recorder, 2x Re-write, 6x Playback
Recorder kit includes:
- Yamaha CDRW4600 drive
- WinOnCD ToGo software

TRX141 **Traxwriter CDRW 4260 Int** ***$Call***

Writable CD Recorders

Traxwriter CDR2600
2x Recorder 6x Playback Starter Kit
Recorder kit includes:
- Traxdata CDR2600 drive
- WinOnCD ToGo software
- 2 x Traxdata CD's
- Prosca Pen
- Cabling

TRX146 **Traxwriter CDR 2600 Int** ***$669***

Traxwriter CDR4600
4x Recorder 6x Playback Starter Kit
Recorder kit includes:
- Yamaha CDR2600 drive
- WinOnCD ToGo software
- 2 x Traxdata CD's
- Prosca Pen
- Cabling

TRX147 **Traxwriter CDR 4600 Int** ***$999***

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

TraxData Accessories Kits

Allows users to record audio tracks directly from CD ROM, Hard Drive or Database using Drag and Drop on to CDR. Also enables the removal of crackles and hiss from studio tracks, the creation of layouts for booklet, inlay card and CD label, multi-session audio recording and on the fly audio recording.

Music Kit (Traxaudio Pro software,1x CDR, Audio Cabling & Jack Plug)
TRX142 **Music Kit** ***$119***

External Case and SCSI Cable - Upgrade to an external unit
TRX104 **External Case and SCSI Cable** ***$210***

ISA Bus Mastering Card, 1x CDR, SCSI Cable, Power Cable and Screws
TRX143 **ISABus Mastering Card** ***$119***

PCI Bus Mastering Card, 1x CDR, SCSI Cable, Power Cable and screws
TRX145 **PCI Bus Mastering Card** ***$119***

(TraxData consumables available on page 50)

PressIT Custom CD Labeller

Give your CDs a professional image.

The PressIT CD Labelling Kit uses a clever yet simple design, allowing you to put professional looking labels on your CDs. This neat and compact labelling system provides the perfect answer to all those CD labelling task which, up to now, have been a real problem. The PressIT uses special die-cut labels (available in a range of colours as well as clear plastic), which can be printed using either an inkjet or laser printer.

PressIT's unique system positions and applies the labels perfectly centered and bubble free every time.

Included in the package are 20 assorted labels and Design Express software that makes creative design straight-forward, together with templates for most MAC and PC based graphic packages.

For Macs: MSWord, Photoshop, QuarkXPress, Illustrator, Freehand, Pagemaker, Claris Works.
For PCs: CorelDraw!, Photoshop, QuarkXPress, Illustrator, Freehand, Pagemaker, MSWord

TRX106 **PressIT** ***$79***

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL
SOFTWARE WAREHOUSE Pty. Ltd.

MULTI-MEDIA

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Iomega Buz - Multimedia Producer

iomega

- Get your multimedia stuff into your PC
- Personalise it using the easiest software around
- Share it with others using Zip or Jaz disks, VCR tape or even the Internet

Buz Multimedia Producer is the easiest way to get multimedia into your PC, personalise it and share it with others.

Create world-class presentations, home movies, create multimedia for Web sites, capture, edit and store digital images and record CD-quality audio and play it back. Become the next Steven Spielberg with the Buz Multimedia Producer, new from Iomega. Buz lets you bring your own video, audio and digital images into your own PC, then personalise it with the included easy-to-use software. Then share your multimedia creations on an Iomega Zip or Jaz Disk, or even over the Internet. It's that easy with Buz!

Easily load multimedia form camcorders, DVD-ROMs, CD-ROMs, VCRs and laser disc players into your PC. It's a cross platform video capture and editing board combined with an Ultra SCSI controller that lets users:

- Put their multimedia (video, sound, pictures, music etc) onto their PC
- Personalise it.
- Share it

Iomega has also included a Buz Box that makes it even easier to use. The break-out-box puts all your in and out connectors for Audio, Composite Video, and S-Video on your desktop so you don't have to reach under the desk every time you want to use Buz.

Stock Code IOMO80

$379

Package includes:

Buz Box, PCI Combination ultra SCSI and video capture card, Video capture and enhancement software, photo enhancement software, audio capture software and interactive CD-ROM Movie making guide.

Bundled software includes:

- RecordIt for windows95 and MacOS

RecordIt is the simplest way to record music and voice to your computer. RecordIt lets you record your favourite CDs, or make live recordings of dictation or conferences directly to your computer, Jaz or Zip drives. You will get the most out of your disk space because using Qdesign Corporation's real-time compression, you can record music from one to two hours on a single 100MB Zip Disk.

- Videowave SE Plus for windows95
- HotShots for windows 95 and MacOS
- Buz basics and Moviemaking CD ROM Tutorial

Bus Box contains connectors for

- Audio in L&R
- Audio out L&R
- Composite Video in
- S-Video in
- Composite video out
- S-Video out
- Internal break-out-box connector for future OEM applications.

NEW PRODUCT

ixlaPhoto v1.1 - Ultimate presentation tool for your photos

Instantly create web pages, sales brochures, electronic photo albums, slide shows, postcards, calenders and more.....
Drag and Drop your photos directly into our professionally designed templates or create your own! It's that easy!
Create Internet web pages of your electronic photo album with literally "the press of a button". ixlaPhoto has one of the world's most advanced HTML generators available. Create links between pages of your album and other web sites without writing a single liner of HTML codes.
Comes with thousands of photo frames, photo stencils, clipart, photos and tiled backgrounds that add a classy look to your photos.

NEW PRODUCT

IXL001 ixlaPhoto v1.1 ..... **$89**

ixlaArtist v1.2 - Your very own art studio!

The easiest, most natural way to create, edit and publish your images.

- Fast and accurate photo editing - fix common problems including red eye, focus, exposure and inadequate lighting.
- Over 30 stunning effects including blur, sharpen, ripple, emboss, mosaic, tile, 3D distort, shake and smudge.
- Amazing range of natural paint and drawing tools that are just like the real thing, including oil brushes, pencils, felt tip pens, airbrushes, chalks, water colours, crayons and finger painting.
- Publish your images on the Internet
- Supported graphic file formats include; Windows BMP, Compuserve GIF, JPEG, Kodak Photo CD, TIFF, Truevision Targa, EPS, AVI, PNG, PCX, SCT, CT, PSD, DIB, RLE, MSP, MPT, MAC, PNM, PBM, PGM, PPM.

NEW PRODUCT

IXL002 ixlaArtist v1.2 ..... **$89**

SONY. SRS-PC21

A light compact entry level model with a modern design.

Featuring Intelligent Base Boost, the SRS-PC21 automatically enhances bass sounds with no risk of distortion. High-quality listening at an affordable price.

- Intelligent Bass Boost (IBB) for automatic control of rich bass sound
- Active or passive use

SONY30 SRS-PC21 ..... **$49**

SONY. SRS-PC41

This speaker offers a stylish design with powerful IBB bass sound and a frequency response of 70 Hz to 30 kHz. An additional output jack offers extra bass for a sub-woofer that can be controlled from the SRS-PC41.

- Intelligent Bass Boost (IBB) for full resonant bass sound
- Dual input for audio mixing
- Audio output jack for sub-woofer

SONY31 SRS-PC41 ..... **$105**

The SONY. SRS-PC300D

For music connoisseurs who expect the best, the SRS-PC300D provides a big sound matched by rich, resonant bass. This is a dynamic three piece system offering a total output power of 25W.

The positioning is entirely variable and allows you to sense the sound coming from different directions – try mounting the smaller speakers on the monitor at ear level using the supplied adaptor and placing the sub-woofer beneath the desk. Game enthusiasts will enjoy multi-dimensional sound effects such as bombs exploding all around them!

Home Stereo Quality

The SRS-PC300D has two audio inputs and a function selector for mixing the two so you can match sound from games, music CDs software applications. It also features a variable bass boost control for enhancing its rich bass quality, making music listening as much a pleasure on your home stereo unit.

Features

- Dynamic three piece system for multi-directional sound effects.
- Exceptional output power plus variable bass boost control for rich, resonant bass.
- Two audio inputs, mixing function and headphone jack for easy output switching.

SONY32 SRS-PC300D **$269**

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge – We will beat any advertised price on any identical product. Subject to terms & conditions P2.

Free Gift – With every order choose a free gift from the selection on page 3.

Fast Delivery – Overnight delivery on 90% of orders

Free Delivery! – We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery – We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks – Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! – We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service – As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

STORAGE

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

ZIP — An affordable personal storage solution in one!

Expand your hard drive without the limits
Increase your storage quickly, easily and economically - as you need it. With 100Mb Zip Disks, you can add as many disks as you need and if you're using compression software, you can keep up to 200MB of your stuff on a single Zip drive.

The newest smallest, most portable drive. The best way to move your information - Zip drive and disks are small, light and convenient. Zip drive weighs about 450g and fits easily in your hand,bag or briefcase.

- **Expand your hard drive without the limits** (100MB at a time)
- **Take it with you** (Zip drive and disks are portable)
- **Backup your hard drive** (fast and easy)

zip 100 parallel port — iomega

IOM022	Zip Drive External (Parallel port)	$239
IOM020	Zip Drive External (SCSI port)	$239
AUP157	Zip Drive Internal 3.5 (Includes SCSI Controller Card)	$239

JAZ — Jaz is the perfect choice for hard drive upgrades!

An ideal answer for multimedia
Jaz drives and disks are the ideal solution for storing, transporting and playing multimedia applications. You can pack up to 1 gigabyte on each disk, and there is no limit to the number of disks you can use. The jaz drive's speedy access times and rapid transfer rate mean you can quickly and easily move files around.
And the Jaz drive can handle even the most demanding usages, including full-screen full motion video.

- **Faster than most hard drives** (Works as fast as you do)
- **Provides 1GB of disk space on each compact cartridge** (Enough to back up your entire hard drive)
- **Portable- goes where you go** (makes transporting information easier)

jaz drive 1GB portable scsi — iomega

IOM023	JAZ drive (SCSI External)	$679
IOM021	JAZ drive (SCSI Internal)	$509

ZIP & JAZZ DISKS

AUP160	3x ZIP 100Mb PC Disks	$79
IOM030	10x ZIP 100Mb PC Disks	$249
AUP161	3x ZIP 100Mb Mac Disks	$199
IOM044	6x ZIP 100Mb CD Disks	$149
IOM032	3x JAZ Media PC Disks	$449
AUP162	3x JAZ Media Mac Disks	$449
AUP163	JAZ Traveller (Transfers data from a Mac to a PC)	$69

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Mitsubishi Consumables and Storage

Scratch and win one of 10 luxury holidays to Barbados when you buy TraxData Gold CD Media. Thousands of other prizes to be won. (Ends December '97)

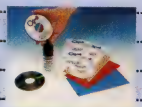
HOLIDAY GOLD PROMOTION

CD

TRX 103	Traxdata 74min CD Recordable Media with Datagard Protection (Gold/Gold)	$8.50
TRX 105	Mitsubishi 74min Platinum CD Recordable Media with Coating (Silver/Blue)	$8.00
TRX 135	Mitsubishi 650MB Rewritable CD Jewel Case	$49
TRX 125	Mitsubishi 650MB CD Rewritable Cartridge	$59
TRX 115	Flipdisc CD Storage Box (Capacity 12)	$25
TRX 116	Flipdisc CD Storage Box (Capacity 16 + 1 CD Rom Drive)	$45
TRX 117	Flipdisc CD Storage Box (Capacity 24)	$35

PressIT Labeller

TRX 107	White Labels for PressIT Labeller (pack of 50)	$25
TRX 108	Red Labels for PressIT Labeller (pack of 50)	$25
TRX 109	Yellow Labels for PressIT Labeller (pack of 50)	$25
TRX 110	Blue Labels for PressIT Labeller (pack of 50)	$25
TRX 111	Gold Labels for PressIT Labeller (pack of 50)	$35
TRX 112	Silver Labels for PressIT Labeller (pack of 50)	$35
TRX 113	Clear Inkjet Labels for PressIT Labeller (pack of 50)	$49
TRX 114	Clear Laser Labels for PressIT Labeller (pack of 50)	$49



Paper

TRX 134	Mitsubishi Super High Grade Printer Paper (pack of 100)	$15

Dat tapes

TRX 126	Mitsubishi 4mm 90m DAT Tape	$15
TRX 127	Mitsubishi 4mm 120m DAT Tap	$29
TRX 128	Mitsubishi 8mm 112m DAT Tap	$15
TRX 129	Mitsubishi 8mm 160 DAT Tap	$24

MO Drives

TRX 118	Mitsubishi 230MB 3.5" Unformatted MO Cartridge	$25
TRX 119	Mitsubishi 640MB 3.5" Unformatted MO Cartridge	$59
TRX 120	Mitsubishi 650MB" 5.25" 1024 Bytes Per Sector MO Cartridge	$69
TRX 121	Mitsubishi 1.2GB 5.25" 512 Bytes Per Sector MO Cartridge	$89
TRX 122	Mitsubishi 1.3GB 5.25" 1024 Bytes Per Sector MO Ca rtridge	$89
TRX 123	Mitsubishi 2.3GB 5.25" 512 Bytes Per Sector MO Cartridge	$129
TRX 124	Mitsubishi 2.6GB 5.25" 1024 Bytes Per Sector MO Cartridge	$129

Storage disks

TRX 131	Mitsubishi IBM Formatted 3.5" Black Diskettes individually wrapped (box 10)	$9.99
TRX 130	Mitsubishi IBM Formatted 3.5" Colour Diskettes individually wrapped (box 10)	$10.50
TRX 132	Mitsubishi IBM Formatted 3.5" Black Diskettes in Library Case (box 10)	$9.99
TRX 133	Mitsubishi IBM Formatted 3.5" Colour Diskettes in Library Case (box 10)	$9.99

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

STORAGE

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

SyJet 1.5GB
Bigger, Faster and Better

SyJet is designed to offer maximum performance flexibility and reliability, at tremendous value.

SyJet 1.5 GB is a high-performance removable cartridge hard drive that boasts the highest capacity of any product in its class. It is the logical choice for professional musicians and audio mixers, digital video editors, graphic designers and desktop publishers, multimedia developers, webmasters, presenters, road warriors, engineers, gamers who want screaming performance, and countless others.

Like all SyQuest removable hard drives, SyJet 1.5 GB is built in Class 100 clean rooms. Each drive and cartridges are shock-resistant and must pass drop shock tests before qualification. Cartridges are designed for durability: they are designed to survive falls from desktops and drops by users.

SyJet Means SPEED

SyJet's unique design provides a high-performance minimum sustained read/write data transfer rate of 3.7MB/sec. - fast enough to sustain full motion video without dropping frames - while approaching a maximum data transfer rate of 7MB/sec. The SCSI burst is 10MB/sec. An EDIE (PIO Mode 4) version allows a burst up to 16.6MB/sec. similar to the rate attained by today's IDE-based fixed hard drives.

What the press are saying

"SyJet: A Better Way to Store your Stuff" - Macworld, May 97.

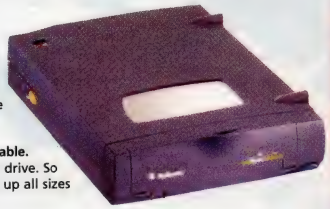
"Sleek in looks and fleet in performance, the SyJet 1.5GB matches or exceeds the performance of the Iomega Jaz drive and offers more capacity" - Windows, April 97.

SYQ020	Internal SCSI Kit 1.5GB (PC)	$569
SYQ021	Internal SCSI Kit 1.5GB (Mac)	$569
SYQ022	External SCSI Kit 1.5GB (PC)	$759
SYQ023	External SCSI Kit 1.5GB (Mac)	$759
SYQ024	Internal EIDE Kit 1.5GB (PC)	$569
SYQ025	External Parallel Port Kit 1.5GB	$759
SYQ026	1.5MB Media for SyJet - PC	$219
SYQ027	1.5MB Media for SyJet - Mac	$219

EZFlyer 230MB
External SCSI & Parallel Port
Internal EIDE

The world of personal computer storage is changing, fast. Files are huge and getting bigger. The floppy is no longer big enough and the fixed hard drive is just that fixed, and difficult to upgrade.

The EZFlyer 230 from SyQuest solves the storage problems of today, better than any other product. It combines the flexibility of a data cartridge three and a half inches square with the blazing speed of hard drive technology.



Instant access to files. Random access. Bootable.
The EZFlyer 230 works just like a fixed hard drive. So quickly referring to, updating, and backing up all sizes of files on a continual basis is a breeze.

Super fast hard drive
The EZFlyer 230 is a hard drive; one that never fills up. The EZFlyer 230 is the only removable cartridge in its price range. It uses the same proven components as fixed hard drives and provides speeds significantly faster than other technology.

Endless Capacity
It's amazing how fast your fixed drive fills up. With the EZFlyer 230, when you need more space, you simply add more cartridges.

What the press are saying

"High Flyer Offers EZ Data Storage"

"The EZFlyer Really soars"

"Installation was a snap"

"The EZFlyer is light enough to be portable, rugged enough for constant use and quit even in close quarters" - Windows, October 96.

"The EZFlyer 230 is a dream to use - it simply appears as another hard disk drive." - Home Office Computing, November 96.

SYQ028	External SCSI Kit (PC)	$299
SYQ029	External SCSI Kit (Mac)	$299
SYQ030	Internal EIDE Kit (mount in 5.25")	$299
SYQ031	External Parallel Port Kit	$299
SYQ032	230MB Media for EZFlyer (PC)	$55
SYQ033	230MB Media for EZFlyer (Mac)	$55

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **Bodyworks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

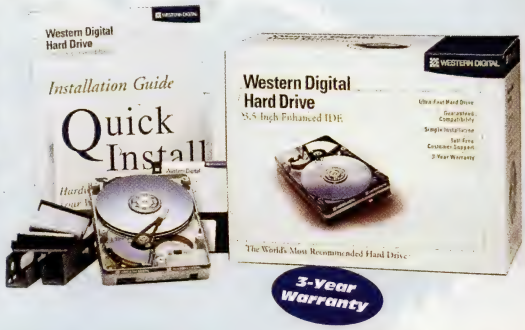
Western Digital CAVIAR Hard Drives

Western Digital

Western Digital CAVIAR hard drives are customer-focused to bring you affordable high capacity storage solutions. Each enhanced IDE (EIDE) hard drive comes with a three year warranty. Each is fully tested to ensure compatibility, reliability, and exceptional quality. Western Digital Hard Drive Kits provide everything you'll need to get your new drive up and running: hard drive, mounting hardware, cable, and detailed instructions. Also included is free installation software designed to work with Windows 32-bit disk access, Windows 95, windows 3.1x, Windows NT, OS/2 2.1x, and OS/2 Warp. This software successfully overcomes two potential system BIOS limitations, and makes installation a breeze.

Physical Specifications

Model	1.6GB	2.1GB	2.5GB	3.1GB	4.0GB
Interface	40-pin EDIE	40-pin EDIE	40-pin EDIE	40-pin EDIE	40-pin EDIE
Formatted Capacity	1624.6 MB	2111.8MB	2559.8MB	3166.7MB	4000.7MB
Actuator Type	Voice Coil	Voice Coil	Voice Coil	Voice Coil	Voice Coil
Bytes per Sector	512	512	512	512	512
User Sectors per Drive	3,173,184	4,124,736	4,999,680	6,185,088	7,814,016
Servo Type	Embedded	Embedded	Embedded	Embedded	Embedded
ECC - Reed Solomon	Yes	Yes	Yes	Yes	Yes
Dedicated Landing Zone	Yes	Yes	Yes	Yes	Yes
Actuator Latch/Auto Park	Yes	Yes	Yes	Yes	Yes



Performace Specifications

	4.0GB	All Other Drives
Seek Times:		
- AverageRead Seek	11ms	Sub 12ms
- Track to Track	3.0ms	3.0ms
- Full Stroke Seek	21ms	22ms
Average Latency	5.8ms	5.76ms
Rotational Speed	5200RPM	%200RPM
Data Transfer Rate:		
- PIO burst	16.6MB/s	16.6MB/s
- DMA	16.6MB/s	16.6MB/s
Read Cache	Adaptive Segmented	Adaptive Segmented
Write Cache	Yes	Yes
Buffer	256KB	128KB
Start/Stop Cycles	40,000 min	40,000 min

WES040	1.6GB Drive Kit	$319
WES041	2GB Drive Kit	$359
WES042	2.5GB Drive Kit	$409
WES043	3.1GB Drive Kit	$429
WES044	4GB Drive Kit	$549

Internet Address: www.wdc.com

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Kiss Rescue Me!

KIS003

Only $39.95

One-click system recovery.
First time.
Every Time.
Guaranteed!

For a limited time only.

QIC EXtra

Innovating in data storage media technology

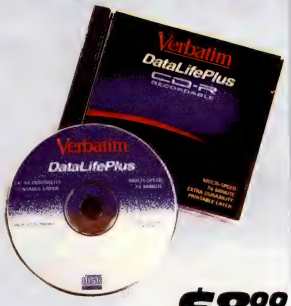
One cartridge fits all QIC-80, QIC-Wide and Travan drives. Delivers over 25% higher capacity than Travan equivalent. Higher capacities than all other media, keeps the costs per MByte to a minimum. Fully pre-formatted & approved by QIC and all drive manufacturers.

VER024 DC2120 EXtra 400/800MB **$49.95**
VER045 TR1-EXtra 500MB/1GB **$55**
VER044 MC3020 EXtra 1.6/3.2GB **$60**
VER046 TR-3 EXtra 2.2/4.4GB **$65**

Verbatim

CD Recordable Optical Disks

The ideal solution for desktop online archiving



Verbatim

VER043 CD DataLifePlus 640 MB CD Silver **$8.00**

DAT 4mm

VER067 DL90M 1.3GB Tape Cartridge .. **$15**
VER068 DL120M 4GB Tape Cartridge **$32**

DAT 8mm

VER056 DL112M 2.3GB Tape Cartridge **$16**
VER069 DL160M 7GB Tape Cartridge **$29**

Verbatim

Verbatim HD Disks

Each Verbatim diskette is individually certified 100% error free. All are pre-formatted to save you time. A typical datalife diskette will perform an average of 30 million revolutions– almost ten times the industry standard. A highly developed burnishing process makes for perfect contact between your floppy drives read head and the floppy, no wonder Microsoft use Verbatim disks exclusively for their products! Ten disks are included in one pack.

Verbatim

VER001 Verbatim 3.5 HD IBM disks (10 per pack) **$10.95**
VER002 Verbatim 3.5 HD Apple disks (10 per pack) **$10.95**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

SONY StorStation

Ultra-Compact Ultra-Fast Ultra-Easy

The Sony StorStation Tape Drive, with a capacity for up to 2.0GB, it's a great way to backup your hard drive.

The StorStation is easy to install, taking only minutes and connects to the parallel port for convenience. It is also small, light and very portable.
The StorStation lets you protect the contents of your hard drive just by clicking an icon. You can also schedule backups, so even if you forget, the StorStation does not. You can also perform Backup in the background. This function lets you continue to use your computer, as your hard drive is being protected.
Restoring is just as easy with a simple click, as with the copy function from tape-to-disk and disk-to-tape.

SONY

Features
- 2.0GB Capacity (with compression)
- Parallel Interface Cable Included
- One-Step Backup
- Easy installation
- Includes powerful software for DOS Win 3.1 & 95
- One QW2GB Data Cartridge

Stock Code: SONY21

$355

Sony QW2GB data cartridges

Sony QW2GB data cartridges, the reliable and versatile solution for data backup. With a maximum of 2GB capacity, compatible with Sony Storestation and Ditto Drives.

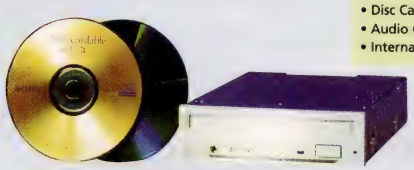
SONY20 Sony QW 2GB data Cartridge (5 pack) ... **$209**

SONY CD-ROM Recorder

Spressa Recordable CD-ROM (CDOR) Drives - 2x Write/6x Read

Create your own CD-ROM discs or back-up/archive with your data with the Sony Spressa, Recordable CD-ROM Drive. With the Spressa, creating CD's is easy, efficient and inexpensive. Whether it's a document, database, image file, multimedia presentation or other information, the Spressa provide users the capacity to retain, distribute and access data.
Bundled with the Spressa is CD Creator Mastering Software, enabling users to enjoy ease of use and powerful functions. The robust features of the CD Creator include Disc Wizard for assisting the disc creation process, a jewel case editor for creating customised inserts, video CD and Photo CD creation capabilities, CD duplication services and studio (WAV) file editing capabilities.
Spressa CD-R drives are compatible with Windows 3.x, Windows 95 and Windows NT

Supplied Accessories:
- One CD-R Disc
- Drive Letter/Number Labels
- Disc Caddy
- Audio Cable
- Internal SCSI Cable



SONY

SONY22 Sony Spressa External **$1209**
SONY23 Sony Spressa Internal **$969**

Sony Recordable CD media

Sony CD-R media has a large 650MB recording capacity for digital data: computer, audio and digital video. These Write-once CDs are extremely reliable and ideal for a wide range of applications.

SONY24 Sony CD-R media (10 pack dual case) **$109**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

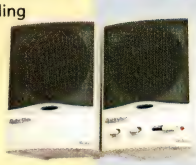
IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Stereo speaker system

QS-835 Sound force 200

Includes adaptor + 100 Games

Features
- Built-in stereo amplifier
- Dynamic 4W+4W music power
- Full magnetic shielding
- Convenient one-sided controls
- Bass & treble booster
- volume controller
- Compatible to all sound cards



ACT111 Sound Force 200 ..... **$39.95**

StrikePad

For IBM and compatible PC's

Bonus CD games value $30.00

Features
- 8-Direction thumb control pad
- 6 fire buttons
- Independent turbo A & B buttons
- 4 turbo/auto mode selectors for fire buttons A,B,C and D
- 6-button mode capability for fighting games
- 6-foot cord

42,000.00 joysticks sold worldwide

ACT100 Strike Pad **$39.95**

Super Warrior

The lethal series

Bonus CD games value $30.00

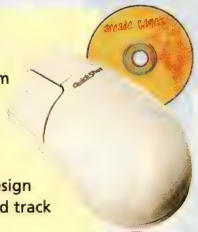
Features
- 4 positive response fire buttons-more weapons at your fingertips
- Built-in throttle control enables that extra trust to lose the enemies
- Ergonomically designed Bio-grip reduces combat fatigue
- Non-skid rubber handle pad gives a sure grip at all times

ACT101 Super Warrier **$44.95**

Optimal Mouse

Opto-Mechanical serial mouse.

Features
- Microsoft mouse and PC mouse system compatible
- IBM PC/XT/AT/286/486 compatible
- Opto-Mechanical design
- Silicon rubber coated track ball
- 9-pin COM port RS-323 plug
- High tracking speed 500mm/sec



Bonus CD 100 games

ACT102 Optimal Mouse **$17.95**

Super Fightpad

The lethal series

World No1

Features
- IBM PC, XT, AT, 286, 386, 486, P5 compatible
- New digital design
- Automatic centering
- 8-direction thumb control pad
- 6-fire buttons (AB,C,D,X,Y)
- Turbo/6B mode selector
- Turbo A and B buttons
- 6-foot cable with 15-pin connector

ACT112 Super Fightpad **$19.95**

Strato Warrior

The lethal series

Features
- IBM PC, XT, AT, 286, 386, 486, P5 compatible
- 4 positive response fire buttons (A, B, C, D)
- Improved mechanism for precision control
- X/Y axis adjustments
- Rotary throttle control
- Detachable accelerating pedal with 8-foot cable
- 7-foot cable
- 15-pin game port connector

Bonus CD games value $50.00

ACT110 Strato Warrior **$49.95**

1st Mouse Plus

LOGITECH

Logitech First Mouse Plus features a unique wheel button that is both a third customizable mouse button and a wheel providing full functionality in Microsoft Office 97.

Logitech's wheel lets you scroll in all Windows 95 applications, Microsoft Office 97, and on the Internet. For Windows 95 and Windows 3.1.

1-year warranty

* Easier programmability and control panel access

LOG060 First Mouse Plus **$48**

Mouseman

Comfortable, innovative Logitech MouseMan provides fourth customizable buttons. Use the thumb button for zooming without touching your keyboard, Scroll in all Windows 95 application and zoom in Microsoft Office 97. Customize the buttons with one-click commands. Built with the quality of the world's largest mouse manufacturer.

3-year warranty.

LOGITECH

Top Features
- New Innovative shape
- MouseWare 7.5
- Universal scroll and Autoscroll in all Windows 95 applications
- Universal scroll and Autoscroll, and Zoom in Microsoft office 97 and Microsoft Explorer

LOG061 Mouseman **$79**

Mouseman Plus

LOGITECH

3 Year Warrantee

The superior wheel mouse: more comfortable while making scrolling and zooming a breeze.

The innovative Logitech MouseMan Plus is designed for maximum comfort and performance. The MouseMan Plus includes a convenient thumb button and a unique wheel button that is a wheel and also one of four customizable mouse buttons. Scroll in any Windows 95 application and zoom in Microsoft Office 97 and all four buttons are customizable.

The Thumb button enables on-handed zooming without using the keyboard.

LOG062 Mouseman Plus **$92**

Thunderpad Digital

LOGITECH

Logitech ThunderPad Digital Gamepad for IBM compatible systems.

This digital gamepad provides precise, lightning-fast play for fast action, sports and arcade games. This sleek, non-bulking pad provides full digital dual player capability in Windows 95 games. Go head to head in DOS games, as well. Eight programmable buttons put your favorite moves at your fingertips.

One year warranty

LOG060 Thunderpad Digital **$59**

Wingman Extreme Digital

LOGITECH

For Windows 95 and DOS-box supported games.

Logitech's WingMan Extreme Digital joystick provides fast, precise play in Windows 95 and DOS-box supported games. It features an award-winning sculpted grip, a reinforced trigger and four-way hat switch, rubber-coated buttons sweat-soaked fingers won't slid off, radial throttle for intuitive speed control and a super heavy base with two buttons for extra weapons control in Windows 95 games. An easy-to-use control panel lets you customise the buttons for Windows 95 without needing a programming degree.

LOG058 Wingman Extreme Digital **$99**

Wingman Warrior

LOGITECH

For IBM compatibles.

Have the other guys begging for mercy. WingMan Warrior is the first two-fisted control system for Doom-style games which offers 360-degree independent aiming and intuitive movement. Maneuver realistically and get off shots with terminal accuracy in Doom, Hexen, Quake, Duke Nukem 3D and other hot 3D action games. Click a button and perform an 180° flip that can save you when you hit the wrong switch. SpinControl Technology lets you spin instantly in a tight 360° circle.

AUP149 Wingman Warrior **$149**

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

Price Pledge — We will beat any advertised price on any identical product. Subject to terms & conditions PL.

Free Gift — With every order choose a free gift from the selection on page 3.

Fast Delivery — Overnight delivery on 90% of orders

Free Delivery! — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.

Nationwide Delivery — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.

Massive Stocks — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.

All Welcome! — We always service the individual buyer, small business and large corporation to the same high standard.

No.1 Service — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

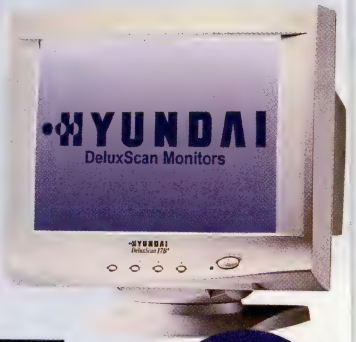
13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

free 3 YEAR Onsite Warranty

HYUNDAI DeluxScan Monitors



DeluxScan Monitors

Available in sizes from 14" to a massive 21" at highly competitive prices the Hyundai DeluxScan Monitor has all the features you would expect from one of the most innovative and successful electronics companies in the world. Manufactured to the ISO 9001 standard, all Hyundai Monitors are extremely energy efficient and comply with EPA Energy Star/ VESA DPMS power saving requirements. Such features allow Hyundai to back their Monitors with an exclusive three year on-site Australia & New Zealand-wide warranty* service. Ergonomical front panel controls, higher refresh rates, flicker-free images and low emissions are standard on all Hyundai Monitors. Higher resolutions (up to 1280 x 1024) give you amazing clarity for every possible application, from Windows to high end graphics and imaging. So whether you want to design a complex 3D model or simply play, the Hyundai DeluxScan monitor is the one for you!

Feature		DeluxScan14S (#HN/HL 4848F)	DeluxScan15G+ (#HL 5870A)	DeluxScan17B+ (#HL 7870A)	DeluxScan 21 (#HL 2882)
CRT	Size	14"	15" FST	17" FST	21" FST
	Dot Pitch	0.28mm	0.28mm	0.27mm	0.28mm
Scanning Frequency	Horizontal	30 - 50 kHz	30 - 70 kHz	30 - 70 kHz	30 - 82 kHz
	Vertical	50 - 130Hz	50 - 150Hz	50 - 150Hz	45 - 100Hz
Video Bandwidth		65 MHz	85 MHz	100 MHz	135 MHz
Displayable Resolution		1024 x 768	1280 x 1024	1280 x 1024	1600 x 1280

No.1 for Graphics!

Features
- Three year on-site warranty available in Australia and New Zealand*
- Plug and play ready
- On screen digital displays
- Compliance with radiation & VESA DPMS standards
- Low-power usage
- Amazing resolution

*3 Year on-site warranty available in Australia & New Zealand through Electronic Resources Australia distribution channels only

EPA POLLUTION PREVENTER · PLUG & PLAY

HYA001 Hyundai 14" Monitor $319
HYA002 Hyundai 15" Monitor $459
HYA003 Hyundai 17" Monitor $855
HYA004 Hyundai 21" Monitor $2399

Kodak DC25

- Accepts optical 2Mb picture card
- Zoom lens-automatic focus 0.5 to infinity
- Auto flash/exposure
- 2Mb memory with 493 x 373 high res capability , 24 bit colour

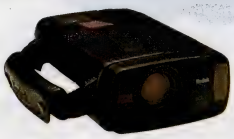
KOD005 Kodak DC25 Digital Camera $479

Kodak DC50

Zoom Lens - 3:1 zoom capability that gives you a focal length of up to 37mm. The flash offers three modes: automatic, on or off. Up to a 14' range. Slide cover doubles as your power switch, open and camera is ready to take pictures.
Internal memory - store up to 22 "good", 11 "better" and 7 "best" quality pictures for up to 1 year.

KOD003 Kodak DC50 Digital Camera $1159
AUP120 DC-50 PCMCIA Card $259

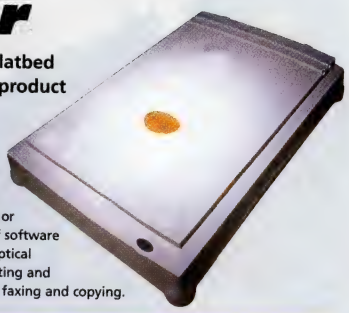
Kodak DC120 Zoom



Capture a wide shot, then zoom in for the detail with a 3:1 zoom lens - and th e LCD display lets you know instantly what you have shot. And with an erase feature you know you'll get the shot you want in rich prcise colour with high res 1.2M pixels 1280 x 950. Camera also features 2Mb of internal storage for up to 20 pictures and supports removable 2mb and 10Mb picture cards.

KOD008 Kodak DC120 Digital Camera $1699

Plustek OpticPro 4830P Flatbed Scanner



The OpticPro 4830P colour Flatbed scanner is a feature packed product at a very affordable price.

Not only does it share the specifications of many high-end scanners-such as single pass scanning, a cold-cathode lamp and up to 4830dpi resolution- it also installs in minutes without any additional hardware or tools. Add to that a unique collection of software offered only by Plustek! Software for Optical Character Recognition (OCR), photo editing and multifunction document processing like faxing and copying.

Features
- Fax sending Facility with Microsoft Windows™ and your fax software
- Use your Windows-compatible printer with the OpticPro 4830P as a copy machine
- Scan printed documents up to letter/A4 size
- Included OCR software to convert printed pages into word processing documents
- With the image filing software you can store and retrieve important papers
- One-Touch Activation-ready to fax, copy or OCR
- Full 32-bit colour depth, nearly 1 billion colours and can scan in 256 level grayscale or B/W
- 600dpi resolution, or up to 4830dpi with software interpolation
- Long-life scanning lamp
- Detects all colours in a single pass
- Avoid interface cards, connect to your parallel port, plug in and just start scanning
- No jumpers to change or fumble with and no tools required for installation
- Scanning area of 216x297mm (WxL), 8.5x11
- Colour: 33 seconds per A4 colour page, Grey scale: 11 seconds per A4 colour page, Black and White: 11 seconds per A4 colour page

CRE008 Plustek OpticPro 4830P Flatbed Scanner $269

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**
Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA · MasterCard · bankcard

TECO Infinity Scorpio

Teco Infinity Scorpio - The last scanner you'll ever buy!

The infinity Scorpio features an upgradeable modular style CCD unit, motherboard, and memory. These easily changed modules allow the optical resolution, interpolated resolution, and pixel depth to be quickly and easily upgraded. The infinity Scorpio scanner captures 30 bits of colour at 300 x 1200 dpi in a single pass. With simple components the Scorpio pixel depth can also be upgraded to 36 bit in the future if desired. By adding RAM to the scanners motherboard, the image capture speed can be significantly increased.

Green Scanner

The Infinity Scorpio uses a technology called Cold Scan which incorporates a Xenon glow lamp that has excellent temperature characteristics and does not require ventilation, therefore lamp life and energy is conserved.

Buffer Size

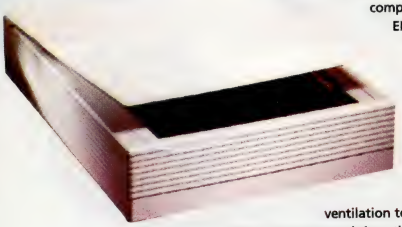
The Buffer Size of the Scorpio can be easily upgraded by the users to 4 M maximum to significantly improve the scanning speed. Image pixel depth can also be upgraded to 36 bits per pixel in the future.

Technical Specifications

Light source:	Xenon glow lamp using cold scan technology
Scanning Area	216mm x 356mm
Resolution	Optical 1640 x 1640 dpi in increments of 1 dpi Maximum 9600 x 9600 dpi by software interpolation
Image Date	Colour: 30 bits per pixel, 1 billion colours Gray Scale: 10 bits per pixel 1024 levels Bi-Tone: 1 bit per pixel
Raw Scanning Speed:	40 seconds for A4 size document (300dpi, colour)
Interface:	SCSI-2 for PC, Macintosh
Transparency Adaptor:	Optional

TEC103 Teco Scorpio $789
TEC104 Teco Scorpio + OmniPage V7 (OEM) $879
TEC105 Transparency Adaptor $549

TECO AVEC II E3 Flatbed Scanner



An ideal choice for office and home users, AVEC II series scanners offer you the efficient colour canning solute in a compact size unit. Through the EPP interface, AVEC II scanner enables you to scan text, photos, magazines, books and other illustrations with one-pass scanning up to 4800 dpi resolution

Using an advance Coldscan technique, the scanner does not require ventilation to cool down. Lam life and energy are conserved since the scanner does not require a warm up time and automatically shuts-off when in use. Dust reference is reduced because the modularized optical unit is completely enclosed.

Technical Specifications

Resolution	Optical: 300 x 600 dpi in increments of 1 dpi
Maximum	9600 x 9600 dpi by software interpolate
Speed	10.8 msec/line
Colour Mode	24 bit, 16.77 million colours
Interface	EPP

*The AVEC II S3, despite being the cheapest scanner in the review was voted by the majority of our panel as having the closest default scans to the originals for both colour and grayscale ..." Australian PC World

TEC101 AVEC II E3 ..... $245
TEC102 AVEC II E3 + OmniPage v7 (OEM) $489
TEC106 AVEC II S3 (SCSI) $399

LOGITECH PageScan Colour Pro

Personal document manager with flatbed versatility

This powerful scanner transforms your papers, photos and printed materials into useful electronic information. It's easy to scan originals from small business cards up to legal size pages. PageScan colour places colour or black and white pictures and line art directly into documents, automatically re-types text from printed pages, files information, turns your printer into a copy machine, and faxes paper-based documents using your computer fax modem. PageScan colour gives you the power of a complete office, and takes up less desk space than a piece of paper.

PageScan Colour Advantages

- Installs without opening your computer
- Scans single pages and bound material
- Always ready to use
- Provides one-click document management
- Enhances printer output
- Re-types scanned text directly into applications
- Works with your printer to give you complete copying ability
- Scans directly into Windows applications
- Captures true colours (16.8 million)
- Offers high speed scanning

PageScan Colour includes:

- PageScan Image Editor
- Xerox TextBridge OCR for Logitech
- Xerox PerfectScan Technology
- PaperMaster SE by Documagix
- PageScan Colour Scanner
- Power Supply
- Pass-through parallel port adaptor
- Documentation

AUP174 Logitech PageScan Colour Pro $279

LOGITECH ScanMan Colour 2000

Create a world of great projects – quick and easily

ScanMan Colour 2000® is designed to make scanning easy, from installation to completed scans. ScanMan Just plug it into the PC's parallel port. Our pass through adaptor connects the scanner and the printer to the same port. It's even easy to move this scanner between PCs. Engineered for straight scanning, ScanMan Colour 2000 has wheels that glide down the page and the StraightScan feature for lining up your scan.

Unleash your creativity with ScanMan Colour 2000®. This compact scanner takes advantage of Windows®95 to give you great, high-quality results, without taking up too much hard disk space. It continues the award winning ScanMan Colour initiative by combining 24-bit, 16.8 million colour scanning with powerful Adobe PhotoDeluxe™ and Xerox® TextBridge OCR software. Scan photos and images, in full colour, grey scale. or black and white line art. Get great results with optical resolution up to 400 x 800 dpi or software enhance resolution up to 1600 dpi. Includes Adobe PhotoDeluxe™, get the power of PhotoShop with an easy-to-use interface. PhotoDeluxe™, with a variety of filters. Scan text and Xerox TextBridge Optical Recognition software instantly enter s the text onto your open file. TextBridge gives you a powerful, complete OCR package thats also convenient. Reads text with state-of-the-art accuracy and speed. Allows you to add the whole scanned area or select the portion you want.

ScanMan Colour includes:

- Adobe PhotoDeluxe®
- Xerox TextBridge OCR for Logitech
- Power Supply
- 1 year warranty
- Documentation

LOG500 Logitech ScanMan 2000 ..... $199

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. MasterClips 1000 — A collection of professional colour clipart
2. Starfish Internet Utilities — Manage your diary, contacts, meetings and communications via the internet.
3. BodyWorks V3 — Learn all about the human body with multi-media guide.
4. TurboCAD V1 Windows — The most significant release of any CAD software this decade
5. EZ Language Version 1 — EZ Language V1 is the fun & easy vocab-ulary pronunciation tutor for 7 different languages
6. Leonardo the Inventor — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

SCANNERS

INTERNATIONAL

SOFTWARE WAREHOUSE

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

MICROTEK High-Tech Scanning

Introducing "Simple SCSI"

The E3 Scanner now ships with "simple SCSI". Simple SCSI is a special cable with a built-in SCSI-to-parallel converter. Your standard SCSI scanner can be plugged straight into your PC's parallel port - No need to install an interface card. It's pass-through, which means you can use both your printer and your E3 scanner off the same parallel port connector.

All E3 Scanners also come with PhotoImpact SE (PC) & Colorit (Mac) Editing

All MICROTEK scanners include:

- *ScanWizard for Windows 3.1, 95, NT & Mac*
- *OmniPage LE OCR for both Windows & Mac.*
- *12 months warranty.*
- *Free phone support for 1 installation .*

Most software, drivers & manuals are supplied on CD

MICROTEK 35T Plus

30 BIT Colour

High-speed, high-resolution Slide Scanner

- 30 Bit Colour (1 pass)
- 3,900 x 1,950 DPI Optical
- 3,900 DPI Interpolated
- Dedicated slide scanner to get the best sharpness and detail from slides.
- Scans both negatives and positives.
- Scans strips or mounted slides.

PRO504 **Microtek 35T Plus $999**

MICROTEK E3

Add exciting Colour and Images to your Computer

- 24 Bit Colour (1 pass)
- 600 x 300 DPI Optical
- 4,800 DPI Interpolated
- A4+ Size (8.3 x 13")
- Brighter, clearer images than other SOHO scanners

Best Value SOHO scanner

PRO501 **Microtek E3 ..... $349**

Microtek E6 and Scanmaker 3 include imaging software for PC & Mac

MICROTEK E6

The new standard for affordable high quality Scanning

- 30 Bit Colour (1 pass)
- 1200 x 600 DPI Optical
- 9,600 DPI Interpolated
- Legal Size (8.3 x 13")
- Captures 4 times the detail of entry level "600 dpi" scanners.
- "Everything you could ask for in a high resolution scanner".
- PC WORLD Editor's Choice

Easy to Use

PRO502 **Microtek E6 ..... $659**

ScanMaker3

The best Quality Flat Bed Scanner

- 36 Bit Colour (1 pass)
- 1,200 x 600 DPI Optical
- 9,600 DPI Interpolated
- A4+ Size (8.3 x 14")
- Best optical quality. The professional choice
- PC MAGAZINE Editor's Choice.

Best Quality at a great price

PRO503 **ScanMaker3 ..... $2099**

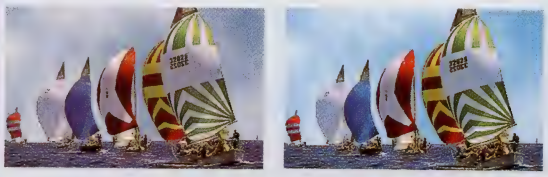
Free with every Microtek scanner

ScanWizard

According to PC MAGAZINE "arguably the best in the business", ScanWizard gives you complete control over your MICROTEK scanner and the way you want your images scanned.

To scan an image, you first select colour, greyscale or line-art output. A live preview then shows you what is on the scanner's flatbed so you can select 1 or more images. You can of course simply use default automatic settings and by clicking on SCAN obtain effortlessly a top quality scan which will be very very close to the original !

With ScanWizard, matching the quality of your original image is not a challenge, simply a starting point. Why not make the image look better than the original? Based upon what you see on the screen, you can apply at time of scanning a host of image enhancements and filters. You may prefer a softer or sharper looking image. By boosting the colour saturation, you may want to give your pictures that "travel brochure look". You are in control !



Each time you apply a filter you can see the result on the screen, thanks to ScanWizard's Live Preview which shows you before and after images. This makes ScanWizard more fun, more powerful and easier to use than other scanning software.

For the advanced user, ScanWizard also includes a host of features like batch scanning, de-screening, exposure control, curves and levels, zoom preview and much more !

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Transparency Media Adaptor

The Transparent Media Adaptor (TMA) lets you scan 35 mm slides and photographic transparencies up to 8x10". Very easy-to-install (clips on; no screws!), it simply replaces the scanner's lid.

Adobe Photoshop 4

CD version.Special price if ordered with a MICROTEK scanner: **$259**

Automatic Document Feeder.

For unattended scanning in line-art mode for use with O.C.R. software. Simply replaces the scanner's normal lid.

SCAN / COPY Utility

Quick-panel let's you scan directly to your existing printer, fax card or disk file. For Windows 3.11/95. **FREE** with all MICROTEK Scanners.

PRO506 **TMA for MICROTEK E3 or E6 ..... $379**

PRO509 **TMA for ScanMaker 3 ..... $625**

PRO508 **Photoshop 4 with Microtek Scanner $259**

PRO510 **Automatic Document Feeder E3/E6/SM3 ..... $599**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

PRINTERS

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

HP LaserJet 6L

Convenient Quality

The Hewlett-Packard LaserJet6L gives out-standing laser print quality at an affordable price. It is a complete, easy to use and convenient printing solution, the perfect replacement for the HP LaserJet 5L.

- 50% Larger Engine Speed
- 1Mb Memory
- 26 Scalable Fonts
- Up to 600 x 600dpi Print Quality
- 6000 Page Duty Cycle

HEWLETT PACKARD

P200 HP LaserJet 6L **$699**

HP DeskJet 400

Small footprint, small price tag, big performance.

The HP DeskJet 400 printer provides high-quality colour printing , yet takes up little desk space, operates quietly, and is ready to print vibrant and in full colour from the first time you turn it on. The included Colour Kit with snap-in ink cartridges gives you the versatility you need to produce both classic black and white documents and colourful marketing pieces. Exclusive HP ColorSmart technology makes adjusting colour for the greatest impact a breeze.

HEWLETT PACKARD

Features

- Snap-in Colour Kit allows printing of full-colour materials
- Exclusive HP ColorSmart eliminates guesswork for vibrant colour at the touch of a button
- Prints up to 16.7 million colours
- Simple three-button front panel and intuitive on-line help with graphical user interface
- Compact design includes paper tray that folds up neatly when not used
- Automatic 50-page sheet feeding
- Up to 3ppm in black for fast, high-quality printing

HWP153 HP DeskJet 400C **$275**

HP DeskJet 692C

ersatile printer with breakthrough hoto-quality colour!

e HP DeskJet 690C printer can create rich black d dazzling colour printed pieces from your ome or office. Banners, labels, stickers, ersonalised cards and invitations. Even iron-on ansfers. The HP RealLife System ensures true-to-fe images. Outstanding print quality with brilliant olours and sharp, crisp blacks. You also get effortless results with HP olourSmart – it automatically adjusts settings for perfect colour every time nd includes Photo Pen.

HEWLETT PACKARD

HWP201 HP DeskJet 692C **$429**

HP DeskJet 870Cxi

Premium printing for professional quality

The HP DeskJet 870Cxi is a state-of-the-art printer for professionals who don't compromise in performance, print quality and network flexibility. With the RealLife Imaging System featuring C-REt Colour Resolution Enhancement technology - the HP DeskJet 870Cxi delivers vivid, attention getting colour, sharp blacks, and enhanced resolution. And at print speeds that help you complete even the most complex jobs quickly.

- Professional black quality
- Fast black output up to 8 pages per minute
- Fast colour output 4 pages per minute
- Network -friendly
- Black resolution Best mode 600 dpi
- Colour Resolution Best mode 600 x 300 dpi

HEWLETT PACKARD

HWP025 HP DeskJet 870Cxi **$649**

HEWLETT PACKARD DESKJET PRINTERS

HWP168	HP DESKJET 340	$469
HWP153	HP DESKJET 400	$275
HWP203	HP DESKJET 670C	$349
HWP201	HP DESKJET 692C	$429
HWP027	HP DESKJET 820CXI	$619
HWP025	HP DESKJET 870CXI	$649
HWP220	HP DESKJET 1000CXI	$755
HWP006	HP DESKJET 1600C	$2379
HWP006	DESKJET 1600cm	$3469

LASERJET PRINTERS

HWP007	HP LASERJET 5L	$624
HWP200	HP LASERJET 6L	$699
HWP134	HP LASERJET 6P	$1189
HWP088	HP LASERJET 6MP	$1529
HWP171	HP LASERJET 4V	$3299
HWP222	HP LASER 4MV	$4899
HWP010	HP LASERJET 5	$1849
HWP046	HP LASERJET 5M	$2899
HWP013	HP LASERJET 5N	$2399
HWP011	HP LASERJET 5SI	$4799
HWP012	HP LASERJET 5S1MX	$6799
HWP221	HP LASER 5SI NX	$5199
HWP048	HP COLOUR LASERJET 5	$7399
HWP049	HP COLOUR LASERJET 5M	$9399

MULTIFUNCTIONAL

HWP205	HP OFFICEJET 350	$949
HWP202	HP OFFICEJET PRO 1150C	$1449

HEWLETT PACKARD

Always clear-always sharp!

HP Paper

Paper & Transparencies for Deskjet, Deskwriter & Paintjet XL300

AUC101	HP Premium Transparency film A4 (20 sheets)	$34.95
AUC102	HP Premium Glossy A4 Paper (10 sheets)	$19.95
AUC105	HP Premium Paper A4 (200 sheets	$34.95
AUC106	Photo Paper A4 20 sheet pack (DJ 690 only)	$19.95
AUC109	HP Greeting Card Paper	$20.95

HP Ink

Ink Cartridges - Deskjets & OfficeJet

AUC110	High-Capacity Black Ink, DJ400/500 series	$39.95
AUC111	Tri-Chamber Colour Ink, 300/400/500 Series	$44.95
AUC112	Black Ink, DJ/DW600 Series	$39.95
AUC113	Tri-Chamber Colour Ink, DJ/DW600 Series	$44.95
AUC114	Colour Inkjet Photo Cartridge (DJ 690 only)	49.95
AUC118	Black Ink, DJ1200 Series, CopyJet & DesignJet 2xx, 3xx & 650	$39.95
AUC122	Black Ink, DJ 800, DJ1600 & DesignJet 700 Series	$44.95
AUC123	Tri-Chamber Colour DJ800 Series	$45.95

HP Toner

AUC125	Microfine Toner Cartridge LJ 5L (EP-A)	$99.95
AUC126	Microfine Toner LaserJet 5P, 5MP, 6P & 6MP	$129.95
AUC135	HP Toner Collection Kit Colour LaserJet 5 & 5MV	$39.95

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

- **Price Pledge** — We will beat any advertised price on any identical product. Subject to terms & conditions P2.
- **Free Gift** — With every order choose a free gift from the selection on page 3.
- **Fast Delivery** — Overnight delivery on 90% of orders
- **Free Delivery!** — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.
- **Nationwide Delivery** — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.
- **Massive Stocks** — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.
- **All Welcome!** — We always service the individual buyer, small business and large corporation to the same high standard.
- **No.1 Service** — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

EPSON Stylus Color 400

Stunning Quality, Every Time!

NEW PRODUCT

The Epson Stylus Color 400 is is a high quality inkjet printer providing 720 x 720 dpi photo-real output with the addition of some new and exciting enhancements. It is the ideal printer to provide superb 720 dpi results for the home user for both business and personal documents, on all types of paper including

FEATURES

- Up to 720 x 720 dpi high resolution printing in black and white and colour - even on plain paper
- Fast print speeds up to 4ppm* in Monochrome and 3ppm* in colour
- Photo quality output as standard - no additional option required
- Easy-to use printer driver with EPSON answers On-Line manual CD-ROM
- Exclusively for Windows only, using EPSON printer driver technology
- The new standard in personal printing performance for home, home office and small business.
- Perfect for greetings cards, calendars, letterheads, reports, presentations, resumes, images and correspondence

NB * The page per minute print speeds are a guide only. Actual print speed may vary under different conditions

EPS134 Epson Stylus Color 400..... **$359**

EPSON Stylus Color 600

1440dpi photo real output

NEW PRODUCT

The Epson Stylus Color 600 is a high quality inkjet printer providing 1440dpi photo-real output, ideal for in-house desktop publishing and business and personal documents on all types of paper, including plain. The Stylus Color 600 features Epson's new Perfect Picture Imaging System, including MicroPiezo Technology for small accurate inkdots and AcuPhoto Halftoning Technology for accurate colours and smooth graduation. The printer is fully compliant with Windows 95 ICM and Macintosh.

FEATURES

- Up to 4ppm* colour, 6ppm* mono printing
- Photo quality printing up to 1440 x 720dpi
- Superb plain paper printing up to 720 x 720 dpi
- Windows & Mac compatible
- Advanced Dual Ink cartridge system with Quick-Dry ink
- Super MicroDot technology produces smaller, precise dots for sharp edges and smooth reproduction of photo images.
- Windows 95 ICM and ColorSync. 2.0 compliance
- The best all-round, high resolution personal printer for home office and small business
- Ideal for presentations, photo image reproduction, reports, flyers, newsletters, letterheads and correspondence

NB * The page per minute print speeds are a guide only. Actual print speed may vary under different conditions

EPS135 Epson Stylus Color 600..... **$499**

EPSON Stylus Color 800

Ultra Fast Colour & Mono Printers

NEW PRODUCT

The Epson Stylus Color 800 provides the business user with high-speed colour or mono printing, taking advantage its high speed colour printing it is designed for multi-platform compatibility and networking. The Epson Stylus Color 800 featur Epson's new Perfect Picture Imaging System, including MicroPiez Technology™ and AcuPhoto Halftoning Technology™.

FEATURE

- Up to 8ppm* mono, 7ppm* colour printing
- Photo quality printing up to 1440 x 720dpi
- Superb plain paper printing up to 720 x 720 dpi
- Optional Postscript & Network compatibility
- High capacity dual ink cartridge system with quick-dry ink
- Super MicroDot technology produces smaller, precise dots for sharp edges and smooth reproduction of photo images.
- Windows & Mac compatible
- The high performance, photo quality printer for business and graphics professionals

NB * The page per minute print speeds are a guide only. Actual print speed ma vary under different conditions

EPS136 Epson Stylus Color 800..... **$729**

OKI Microline 390T - 24 pin

OKI Dot Matrix printers - PROFESSIONAL Printers you can rely on.

The OKI MicroLine 390T 24 PIN Dot Matrix (80 columns) is ideal for highly productive environments requiring speed and advanced paper handling. The ML 390, offers excellent flexibility to users who rely on one printer to perform a wide variety of tasks. Ideal for retail, small business and office applications who require the one printer to print invoices, statements, reports and letters. It's easy to use, highly reliable and with very low running costs.

- General use - multi-part forms, labels, listings and bar-coding
- Purchasing departments-invoices, statements, management information
- Administration - straightforward letter quality, reports, correspondence and legal documents (CSF option)
- Accounts - spreadsheets, computer printouts

Features

- 312 cps
- 80 columns
- Zero tear off
- 5 part form capacity
- Fastest speed in the price range
- 10000 hr MTBF
- Fastest slew rate
- 8 resident barcode fonts

OKI People to People Technology

OKI020 MicroLine 390 Turbo 24 pin **$579**

OKI021 MicroLine 320 Turbo 9 pin **$629**

OKIPAGE 4W LED Laser

Windows 3 Windows fo workgroups a Windows 95 Compatible

A personal printer with low running costs, ideal for Windows users in the small and home office.

With the OKIPAGE 4W you are able to control printing directly from your PC, quickly returning to your application.

Features

- 4PPM
- 600DPI
- Save almost 50% p/unit in tool running cost compared to other printers in its class
- Compact size
- Near silent printing
- Bi Directional parallel interface
- PCL 4.5 & HIPER W (windows printing - GDI)
- A4, A5, B5, A6, Letter, Executive paper sizes Monarch, COM-10, COM-9, C5, C4 DI envelopes
- Win '95 and Win 3.11 compatible

LED 5 YEAR

OKI006 OKIpage 4W **$399**

OKI People to People Technology

OKI 810E LED Laser

The OKI OL810E LED Laser is ideal for the high quality personal desktop publishing market requiring high speed printing (fastest in its class with 14 secs to first print) and a huge 250 sheet standard capacity with versatile paper handling options. It is suited to the shared work group environment and also has an optional True Adobe Postscript Level 2.

Fastest in its Class

Features

- 8PPM
- 600DPI with 123 gray scales
- Save nearly 26% per unit total running costs compared to other printers in its class
- 14 secs to first print
- Larger paper handling capability
- MIPS R3000 RIC 25 MHZ CPU PCL 5E
- Parallel & Serial with automatic interface switching
- Optional true Adobe postscript level 11 with Appletalk interface
- A4, A5, B5, A6 letter, executive paper size Monarch COM-10, COM-9, C5, C4 DL envelopes
- Extensive networking capability

LED 5 YEAR

OKI007 OKI 810E **$1079**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

PRINTERS

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

As Seen On T.V.

Canon - Living Colour

BJC 210/240

Best Selling Printer

anon BJC 210 Colour Bubble Jet Printer with 360dpi
hanks to Canon innovation the new BJC-210 bubble jet
rinter produces revolutionary 3 colour printouts that
ctually rivals more expensive four colour systems.

igher resolution- The BJC-210 gives you a resolution of 360
pi and generates 44% more colour information per square
nch than 300 dpi, three-colour inkjets.

etter Contrast- In addition, the BJC-210 has an advanced
rinter driver that selects highlights and shadows in an image
nd emphasise them to provide better contrast. The result is
tronger colours, particularly for photographic images.

FEATURES

- Resolution: 720x360dpi
- Prints in coated and glossy stocks
- Delivers a richer process black
- Optional Black cartridge for high speed B&ws

CAN003 Canon BJC - 210. ..... **$229**

CAN057 Canon BJC - 240.(Photorealism) **$299**

BJC-4200/4550(A3)

Includes Adobe Photo Deluxe!

Canon BJC-4200 Colour Bubble Jet Printer with 720 x 360 dpi quality and the fastest B&W in its class.
PhotoRealism combines an ink breakthrough with a new image processing system. The result is near photographic quality with smoother colours, more natural gradation and better colour contrast - with almost no discernable grain.
With its unique design and dedicated black ink cartridge the BJC-4200 is capable of printing at laser-like speeds of up to 4.8 A4 pages per minute!

FEATURES

- Resolution: 720 x 320 dpi
- Print Speed: Max **4.8** pages per minute.
- Resolution:Up to 720 x 360 dpi (+ text smoothing with BC-20)

CAN046 Canon BJC - 4200 (A4) **$369**

CAN050 Canon BJC - 4550 (A3) **$739**

Canon BJC-620

Better Colour on Plain Paper

Canon BJC-620 High Resolution Colour Bubble Jet Printer
Better Colour, real 720 dpi printing on plain and coated and true WYSIWYG printing at high speeds.
Our approach lets your computer and its operation system drive a printer more efficiently, especially when large amounts of data are involved.
Better reproduction, twice as fast.

FEATURES

- **50%** to **100%** faster than it's predecessors
- Resolution: 720 x720 dpi
- **4** Separate print heads with replaceable ink cartridges
- Prints on Transparencies, high gloss film, coated and glossy paper, High Resolution paper, fabric sheets & T-shirt transfers.

CAN040 BJC - 620. ..... **$619**

Canon LBP-660

The Canon LBP-660: a very businesslike printer at 6 pages per minute.

Different people buy different things for different reasons. That's why the new LPB-660 incorporates sophisticated functions like refined halftoning for high-quality graphics-printing, face-up or dace-down delivery for flexible output and toner saver for ecological and economical printing. Taking a closer look there's even more reasons to think of the LBP-660 such as form overlay for easy letterhead preparation, a convenient 100-page multipurpose tray plus manual feeding for more versatile paper handling, and on-screen printer status that takes the mystery out of printing.

For High Quality Business Documents

FEATURES

- High quality, high speed, at great value
- High-resolution 600dpi output (equivalent to 2400x 600 dpi with Automatic Image Refinement)
- High-speed 6 page-per-minute laser printing, at a one-per-desk kind of price
- Up to **6** pages per minute (A4)
- Resolution: 600dpi

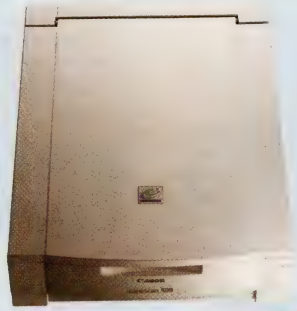
CAN047 Canon LPB - 660. ..... **$579**

CanoScan CS-300

An ideal scanner for business or personal use.

Now it's easy to create your own exciting colour document. With 300dpi, the CanoScan 300 delivers consistently high quality colour canning, making it ideal for business or personal projects, such as creating customised greeting cards or newsletters.

More natural colours. Canon's unique Xenon lamp delivers stable, even illumination over the entire document being scanned to ensure greater colour uniformity. And because it more closely resembles natural sunlight, the Xenon lamp also produces more natural-looking colours.



FEATURES

- Free - **$100s** worth of free products to help you get professional results
- Including:PhotoImpact TypeReader OCR V2.0
- Ideal for business or personal projects
- 300dpi

CAN048 CanoScan CS - 300 (dpi). **$479**

CAN051 CanoScan CS - 600 (dpi). **$699**

PowerShot 600

The advanced, easy-to-use digital camera you've been waiting for.

The Powershot 600 is the first "point-and-shoot" digital camera to make high-quality photography affordable. Instead of film, the Powershot 600 captures up to 18 crisp, colour images on 1 MB of internal memory. Or you can expand its image storage capabilities with optional PC cards. PC cards act as digital film that allows you to download your images into a PC or laptop computer. You'll never have to wait for a roll of film to be developed again!

FEATURES

- Extremely bright optical viewfinder makes composing photographs easy
- 7.5 mm f/2.5 lens (equivalent of 50mm lens on a 35mm camera)
- Through the Lens auto-focusing
- Autoflash for up to **12** feet.
- Macro button allows you to shoot close-ups down to **4"**
- 1 MB built in memory
  Accepts both 4MB PCMCIA ATA (PC) cards and **170** MB HD card for greater image security and capacity
- 3 image setting (Fine, Normal, Economy)
- Slot memory card into Notebooks for direct viewing and easy downloading

CAN039 PowerShot 600. ..... **$1299**

CAN058 PowerShot 350. ..... **$879**

Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000**
   A collection of professional colour clipart
2. **Starfish Internet Utilities**
   Manage your diary, contacts, meetings and communications via the internet.
3. **Bodyworks V3**
   Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows**
   The most significant release of any CAD software this decade
5. **EZ Language Version 1**
   EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor**
   A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, knowledgeable sales staff"

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

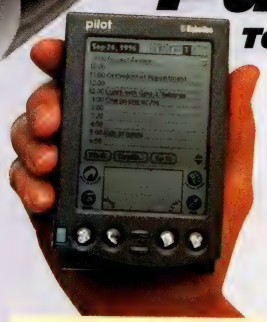
Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

PalmPilot



To keep you organised and in-touch with your PCI

INCLUDES FREE CABLE

Note: existing Pilot 1000/5000 users can upgrade to Palm Pilot Professional with this 1 meg upgrade card

NEW PRODUCT

- Features for PalmPilot Personal & Professional
- Back-lit Display
- PC Link (download & Upload information)
- Shirt pocket size & light weight
- Instantly syncs data with your PC's Popular Application: Microsoft Schedule+, Lotus •Organiser, Symantec ACT!, Now Up-To-Date, Sidekick, ECCO, Day-Timer Organiser, •Maximiser, Franklin Ascend 97 and more.
- Flashroom upgradeable
- Programmable using "Code Warrior" for MAC/PC
- 2 x AAA battery (included in pack)
- Storage Capacity:
- PalmPilot Personal (512K) edition: 2500 addresses, 2400 appointments, 500 "to do" •items and 500 memos.
- PalmPilot Professional (1 Meg) Edition: 4000 addresses, 2400 appointments, 750 "to do" items, 750 memos and 100 emails.

USR020 PalmPilot Personal **$459**

USR021 PalmPilot Professional **$575**

USR024 1 Meg upgrade card **$157**

Sportster Flash

NEW PRODUCT

x2 56K (External)

Quality at an affordable price

5 Year Warranty

Sportster Flash x2 56K Features

- Fax/Modem with Digital Personal Voice
- Full Duplex Speaker Phone (Handsfree Telephone)
- Fast data transmission 56.6K depending on server
- Plug & Play (WIN 95)
- Reflash ROM
- 5 Year Warranty

For more information about any of the above products please look u the US Robotics Webpage: http://www.usr.com.au

USR045 Sportster Flash x2 56K (External) **$269**

Also available (not pictured)

USR022 Courier V. Everything x2 56K (external) free upgrade .. **$339**

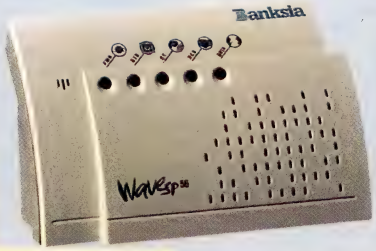
USR023 Worldport 33.6K PCMCIA Card **$345**

Banksia Wave SP

FREE WEB & INTERNET SOFTWARE

The fully featured 56,000bps modem!

The Wave SP is the first modem to be awarded a prestigious Australian Design Mark in recognition of design excellence and innovation.
The assessment panel commented that "(the Wave SP) is radically different from its competitors and upholds the highest principles of unitary design".



5 YEAR WARRANTY

Banksia's revolutionary new wave SP Fax Modem includes;

- High speed data transmission at 56,000bps
- Fax transmission at 14,400bps
- Simultaneous voice & data (SVD) transmission
- Full duplex speakerphone (hands free telephone)
- Fully featured smart answerphone
- Microsoft Internet Explorer™ for Internet surfing & Web site construction
- The best new games
- A radical new shape for optimum audio performance

AUSTRALIAN DESIGNMARK 1997 GOOD PRODUCTS BY DESIGN Banksia Technology Pty Ltd Wave SP Licence No 96034 STANDARDS AUSTRALIA

BAN003 Banksia Wave 56.6 SP Fax Modem **$319**

AUZ134 Banksia Wave 33.6 SP Fax Modem **$229**

ComboCard 336

Network, Internet, Fax & Remote Communication in One Card

Ideal for the mobile professional

Features:

- Network and remote connectivity via LAN
- Remote connectivity via phone line
- Send and receive data at speeds up to 33,600bps
- Fax direct from your PC at 14,400bps
- Simultaneous ethernet & faxmodem operation
- Sleep mode conserves your notebook's battery
- Smart answerphone

BAN002 Combo Card **$499**

Banksia GSM Card

One modem for standard phone & digital mobile

Banksia's GSMCard is the ideal solution for the executive on the move. Check your e-mail, or send and receive faxes and data files as easily from your car, hotel room, or home, as from the office. The Banksia GSMCard links your notebook computer to a GSM digital mobile phone or a standard telephone line, allowing you to fax and transmit data over standard telephone lines (PSTN), as well as over GSM cellular networks using your digital mobile phone.

Stock Code AUZ135

$539

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard bankcard

NetComm Roadster

For Home & Business Internet users

The Roadster 55.6K users the latest telephone exchange technology, delivering maximum speeds to Internet connections.

This Australian designed and manufactured model is perfect for all your communication needs. The unique fax switching technology enables users to use one phone for phone, fax and Internet connections.
The Roadster Ultra delivers the added advantage of voice communications with hands free speaker phone, voice mail and even simultaneous voice and data (perfect for multi user game and video conferencing)

Features

- Australian designed & manufactured
- FaxBack facility (Ultra mode).
- Supplied with a headset and built in microphone(Ultra mode).
- Supports Telstra's Faxstream Duet and Caller ID
- LIFETIME Warranty with 1800 free support
- 33.6-56,000bps asynchronous data
- 2,400-14,400bps Group III fax
- Inbuilt error correction & data compression

Quality Endorsed Company ISO 9001 ISO 9002

NET017	Roadster 56K Flex Ultra (external)	$279
AUP315	Roadster 56K X2 (external)	$269
NET130	Roadster 55Kflex (internal data/fax)	$215
NET136	Roadster 33.6K (external)	$189
NET019	Roadster 33.6K Ultra (external)	$219

NetComm

CardModem + Ethernet

Ideal for the mobile professional

The CardModem 336 plus Ethernet allows you to send and receive faxes, voice and data like a normal modem, but with the added ability to also connect to an Ethernet LAN. So you can be connected to your office and the world with a single card. And you're guaranteed compatibility with all popular network operating systems, including Novell 3.11 or higher, Banyan Vines, Windows for Workgroups, Windows 95, Windows NT.
True Simultaneous Multifunction Capability
Connect to your LAN and use your modem simultaneously without affecting performance.
Enjoy fax-from-your-PC functionality with Group 111 compatible fax modem. Electronic Security
The CardModem plus Ethernet includes voice mail capabilities with Electronic Secretary software package allows you to turn your PC into an automatic messaging service.

NetComm

Quality Endorsed Company ISO 9001 ISO 9002

NET130	CardModem 56 + Ethernet	$549
NET131	CardModem 56	$399
NET015	CardModem 33.6 + Ethernet	$459
AUP173	CardModem 33.6 V34	$289

CreditCard Ethernet Adaptor 10/100

Designed for Microsoft Windows 95

Connect portable PCs to 100Base-TX Ethernet networks with this high-performance PC Card adaptor!

Portable PC users can now connect to both 10Mbps Ethernet and 100Mbps Fast Ethernet networks with this high-performance PC card. Fast Ethernet is the natural migration path for over-burdened 10Mbps Ethernet networks. Now portable PC users who use graphics-based, network-intensive applications such as database access, imaging, and CAD/CAM, as well as the growing population of e-mail and internet users, can enjoy the benefits of having access to the increased band-width of 100Mbps Ethernet networks for improved response time. **The CreditCard Ethernet 10/100-Ready** provides instant access to both 10Mbps and 100Mbps networks with a single adaptor cable. **The CreditCard Ethernet 10/100-Upgradeable** models are 10Mbps adaptors for those who plan to implement Fast Ethernet in the future, but prefer a cost-effective, upgradeable solution today.

Xircom CE

XIR010 CreditCard Ethernet Adaptor 10/100 ..... $279

PC Card Ethernet + Modem 33.6

Designed for Microsoft Windows 95

The fastest performing combination PC Card on the market today! Ideal for use at home, in the office and on the road

The CreditCard Ethernet+Modem 33.6™ revolutionises mobile connectivity by combining both a high-performance Ethernet LAN adaptor and high-speed V.34 data/fax modem in a single PC Card. The 33.6 Kbps data/14.4 Kbps fax modem capabilities provide users with the most reliable, high-speed communications available. The CreditCard Ethernet + Modem 33.6 features simultaneous use of Ethernet LAN and data/fax modem connections making it the ultimate high-performance mobile connectivity solution.

Xircom

AUP168 PC Card Ethernet Combo (TP & BNC) + 33.6 Modem $559

AUP100 PC Card (TP) + 33.6 Modem $539

CreditCard Modem 33.6

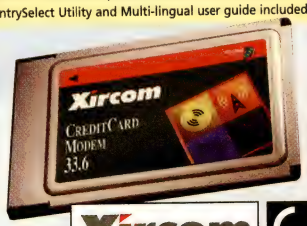
Designed for Microsoft Windows 95

The high-performance modem that gives you the freedom to communicate with the world, anytime, anywhere!

In the office, at home, or on the road, Xircom's CreditCard Modem 28.8™ provides high-speed modem connectivity for the mobile professional. Whether accessing E-mail, downloading or faxing files, or accessing on-line services such as the Internet, the CreditCard Modem 28.8 provides a high-performance,reliable and easy-to-use solution for communicating to the world from any location, at any time.

Features include

- Lifetime warranty and a future-proof Upgrade Program
- Digital Line Protection safeguards your modem against high-current digital phone lines
- 'Plug-&-Play' operation, Windows 95 supported
- Includes Delrina WinFax and WinComm Lite software for direct fax capabilities from Windows
- Flash ROM for future upgrades
- Approved in most European and Asia-Pacific countries
- CountrySelect Utility and Multi-lingual user guide included



Xircom CE

AUP119 CreditCard Modem 33.6 ..... $269

8 Reasons why 1,000's of buyers choose Software Warehouse every month!

- **Price Pledge** — We will beat any advertised price on any identical product. Subject to terms & conditions P2.
- **Free Gift** — With every order choose a free gift from the selection on page 3.
- **Fast Delivery** — Overnight delivery on 90% of orders
- **Free Delivery!** — We do not charge for delivery on orders over $200, providing they weigh less than 3Kg. For other deliveries see chart on page 3.
- **Nationwide Delivery** — We can deliver to any location in Australia, quickly. Whatever it takes, we deliver.
- **Massive Stocks** — Our aim is to fulfil 95% of orders from stock. Our financial stability enables us to hold more than 10,000 items in stock at any one time.
- **All Welcome!** — We always service the individual buyer, small business and large corporation to the same high standard.
- **No.1 Service** — As an International company we have won more awards for products and services than any software mail-order company.

INTERNATIONAL SOFTWARE WAREHOUSE

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

INTERNATIONAL SOFTWARE WAREHOUSE Pty Ltd

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

Accura 33.6 Data/Fax/Voice

Hayes

FREE WEB & INTERNET SOFTWARE

From the inventor of the PC Modem!

When technology changes, isn't it best to go with the industry standard? Experience the Internet, online services, bulletin boards, e-mail, cybershopping, faxes and professional message centre software. Available Windows® or Macintosh PC's.

Optima Business Modem

World's fastest modem 230, 400 bit/s Voice/Data/Fax, remote configuration, security flash upgradeable, leased line ideal for business or the power user.

AUP169 Accura 33.6K Modem **$189**

AUP171 Optima PC Card Modem GSM **$429**

AUP172 Optima Business Modem V34 ..... **$359**

Hayes Accura 56.K Speakerphone Modem

How fast do you want to get there?

56.6K SVD Modem

With the ACCURA 56K, you get the fastest Internet access over ordinary phone lines and the legendary Hayes reliability. Professional quality messaging system provides Voice Mail and Fax-on-Demand. A single line can turn any remote office into a professional message centre. Why settle for a Hayes compatible modem when you can have a genuine Hayes modem?

Stock Code HAY021 **$319**

Features

- Professional, Multiple Voice mailbox System - Create and manage multiple voice mailboxes remotely.
- Fax-On-Demand - Now you can provide ultra fast response to customer's inquiries
- Flash ROM Upgrades - Fast, flexible and easy upgrades to modern features, eliminate obsolete equipment
- V.34 Support - Modems support ITU-T V.34 technology to provide maximum support when connecting to V.34 modems
- 5 year warranty, free lifetime technical support

HAY022 Accura 56K Speakerphone Internal Modem **$269**

HAY023 Accura 56K Data/Fax External Modem **$239**

HAY024 Accura 56K Data/Fax Internal Modem **$225**

Index

Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Zoom V.34XE Modem

High-speed communication with Zoom V.34xe Modem

NEW PRODUCT

Experience fast and nearly error-free communication on your computer with the external 33.6 Zoom Fax/Data Modem. Supports the international V.34 standard and the V.Fast Class standard for 28,800bps data transmission. The Zoom V.34XE makes it easy to "broadcast" personalised faxes to groups of people, to schedule fax deliveries when connection rates are low, an to forward a fax with no loss of clarity. Also supports V.42, and MNP automatic error correction, and MNP 10ECTM for more reliable cellular, transcontinental, and international communications. Bundled software includes SFT full-featured and Microphone LT Internet. Starter Kits from Telstra BigPond, Oz-Email, and Compuserve also included along with Windows software.

Features

- Supports both the V.34ITU standard and V.Fast Class 28,800bps
- Caller ID compatible
- V.17 protocol for 14,400bps fax capability
- V.42bis and MNP 5 data compression
- V.42 compliant error correction
- Includes five-year warranty
- 33.6k data transmission rates
- Telstra duct compatible

Zoom Guard lighting and surge protection

ZOO011 Zoom 33.6K Fax/Data (External) **$185**

ZOO010 Zoom 33.6K Fax/Data (Internal) **$175**

Simple Modem 33.6 Data/Voice Modem

Simplecomputing

With a Simple Modem you get a value for money modem with stacks of features.
Fax Direct form your PC
Send and receive faxes. Simple Modem allows you to send and receive faxes directly from your PC easily.
VoiceMail messaging
You can set up to 9 password protected voice mail boxes to receive you and your work associates voicemail and fax messages.
Get a standard document, such as brochures, and automatically faxed back to your customers.
Win & Win95 Internet Software
Instantly Surf the Internet with software from OzEmail.
5 Year Warranty

BAN001 Simple Modem 33.6 (ext) **$149**

Simple Modems

Simplecomputing

Business Pack Simple 336 Data Fax Voice Modem

This Simplecomputing Business Pack is a complete communication and productivity solution package. Contains all the hardware & software required to get you on the Internet, quickly and simply.
The Business Pack makes connecting to the Internet easy by providing a complete set of communication tools to ensure you get the most out of the time you spend on the internet.

The Business Pack provides these tools.

INTERNET - high speed access
SEND & receive faxes
FAX on demand
VOICEMAIL 9 individual boxes

BAN010 Business Pack **$189**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard AMERICAN EXPRESS bankcard

INTERNATIONAL SOFTWARE WAREHOUSE Pty. Ltd.

LEARNING

IF YOU CAN FIND IT CHEAPER CALL US - WE WON'T BE BEATEN!* *See page 3 for Price Pledge

Kindergarten BLASTER

Ages 4 to 6yrs

Award-winning titles that introduce your child to the wonders of learning!

Steps to Math
Through a galactic 3-D journey of numbers, sounds, songs, and suprises, your child will discover the fun of math by learning to:

Steps to Reading
Traveling through galaxies of sounds, words, sentences and stories, your child will learn to read by building phonics skills and learning to:

Step to Science

Stimulate your children's natural curiosity about the world around them with fun experiments and activities that teach kids about:

- Animal and plant life
- Scientific classification
- Weather and seasons
- Natural processes
- Mixing colours
- Historic science discoveries
- Measurements and relative scale

Designed for Microsoft Windows 95

3-CD

DAV003 Kindergarten BLASTER **$95**

Ready to Read and Write 2

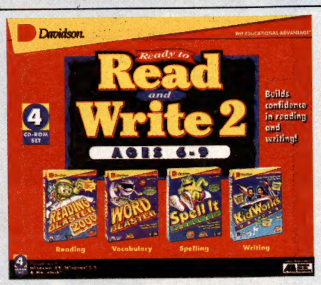
Age 6 to 9

Our best-selling programs to strengthen reading, vocabulary, spelling and writing skills.

Reading Blaster 2000
Teach phonics, reading comprehension and vocabulary!
9 difficulty levels teach kids to:
- Master phonics fundamentals
- Develop reading comprehension
- Build vocabulary
- Word Blaster

Makes building a superior vocabulary fun and easy!

3-CD



5 multi-leveled activities help kids to:
- Learn thousand of new words
- Master correct pronunciation
- Improve reading comprehension
- Increase confidence in writing and speaking

Spell It Deluxe
Build writing, reading and creative skills!
This word processor and paint program allows kids to:
- Write and illustrate their own stories, letters and more
- Print and share their creations
- Share their stories with other kids over the Internet
- Hear their stories read aloud by funny built-in voices, or even their own voices.

Designed for Microsoft Windows 95

DAV004 Ready to Read and Write 2 ..... **$95**

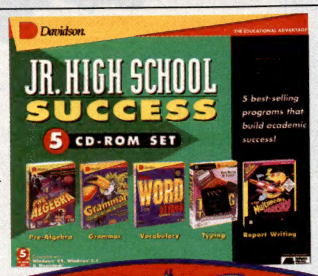
JR HIGH SCHOOL SUCCESS

Ages 10 year and above

5 of the best-selling programs that will help students succeed in junior high or beyond.

Pre-Algebra
Practice solving word problems using computation, estimation and proportions. Master advanced calculations, equation solving, the order of operations and more.

Grammar
Master key grammar and communication skills including proper punctuation, formation of plurals and possessives, subject-verb agreement and identification of sentence fragments.



Vocabulary
Build and impressive vocabulary of over 4000 words, create flash cards and learn new words through audio repetition.

Typing
Learn the basics of typing and improved speed, accuracy and confidence at the keyboard.

Report Writing
Develop effective and great-looking homework assignments, book reports and other written materials with this easy-to-use writing workshop, paint program multimedia presentation tool.

Designed for Microsoft Windows 95

5-CD

DAV005 JR. High School Success **$95**

JumpStart

Toddlers

Designed for Microsoft Windows 95

- **Ages 1.5 to 3yrs**

This exciting computer discovery program created for the curious minds of toddlers. Your child will enjoy the delightful animations and charming songs.

DAV006 JumpStart Toddlers **$69.95**

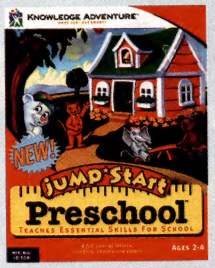
Preschool

Designed for Microsoft Windows 95

- **Ages 2 to 5yrs**

Leap to an early understanding of letters, numbers, shapes and colours in Casey's classroom bursting with twice the learning activities of most other educational programs

DAV007 JumpStart Preschool **$69.95**



Kindergarten

Designed for Microsoft Windows 95

- **Ages 4 to 6yrs**

Mr. Hopsalot, the rabbit invites your child to explore his interactive classroom and garden, where fun, music and games reward for curiosity. Packed with 16 games and puzzles that teach over two dozen fundamental skills. JumpStart kindly covers a full year of pre-reading, early maths, language and creative arts. If you wont to cover reading more intensively, Jumpstart Kindergarten Reading Companion.

AUS249 JumpStart Toddlers **$69.95**

First Grade

Designed for Microsoft Windows 95

- **Ages 5 to 7yrs**

Join Frankie and his friends in an interactive classroom filled with animation and song. Take field trips to the beach and read 50 illustrationed stories from 8 interactive books with the help of Ms. Flores your teacher. In all, discover 18 activities teaching geography, science, early math, reading comprehension, music and more! If you wont your first grader to focus on reading more intensively.

AUS044 JumpStart First Grade **$69.95**

Second Grade

Designed for Microsoft Windows 95

- **Ages 6 to 8yrs**

The adventure begins when the school day ends! Follow CJ the frog and his sidekick Edison on a journey through 22 interactive adventures. Solve puzzles, learning writing composition, higher maths, science, basic grammar, geography, music and more!
Meet Calaveras Jumping Frog, "CJ" for short. He's got a wacky wit and an excellent leaping ability–great for bouncing away from alligators, ice bugs and sharks.

DAV008 JumpStart Second Grade **$69.95**

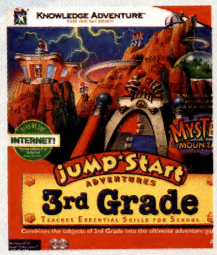
3rd Grade

Designed for Microsoft Windows 95

- **Ages 7 to 9yrs**

Capture 25 time-meddling robots. Foil Polly's megalomanic plans to make her father's time travelling machine alter history. It won't be easy. Sneak into a fantastic laboratory nest! deep within a mysterious mountain. Answer riddles, scurry through scavenger hunts and solve multi-step challenges by on subjects used in a third grade curriculum to collect hidden objects. Assemble the objects to find the robots.

MIS015 JumpStart Second Grade **$69.95**



Choose a Free CD with every order!*

*Full product as shown - OEM packaging. Packaging shown for display purposes only.

1. **MasterClips 1000** — A collection of professional colour clipart
2. **Starfish Internet Utilities** — Manage your diary, contacts, meetings and communications via the Internet.
3. **Bodyworks V3** — Learn all about the human body with multi-media guide.
4. **TurboCAD V1 Windows** — The most significant release of any CAD software this decade
5. **EZ Language Version 1** — EZ Language V1 is the fun & easy vocab-ulary pronunc-iation tutor for 7 different languages
6. **Leonardo the Inventor** — A multimedia exploration of the life works of Leonardo da Vinci. (No 3D glasses)

"Call our friendly, beta testers."

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

Orderline 1300 360 799 Order by fax 02 9700 8801
Enquiries 02 9700 8800 Internet site www.software-warehouse.com.au

13 Bradford Estate
10 Bradford St
Alexandria
Sydney 2015

INTERNATIONAL SOFTWARE WAREHOUSE Pt Lt

EVERYTHING FOR YOUR PC - DELIVERED NATIONWIDE!

World Book Encyclopedia

Multimedia Encyclopedia

IBM

Plus get World Book 98 FREE

IBM and World Book have launched the international edition of the new 1997 World Book Multimedia Encyclopedia, linking cutting-edge technology with the world's most authoritative and best-selling reference work to provide the ideal learning resource for school or home. Designed specifically to meet curriculum needs of primary and secondary school students and containing a host of unique features, 1997 World Book Multimedia Encyclopedia is the ideal homework aid and reference work that is easy and fun to use for students, parents and teachers.

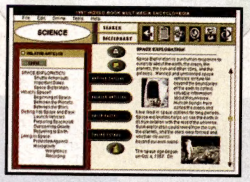
This edition includes the entire text of 22 volumes of the International World;d Book Encyclopedia and 2-volume dictionary.

It provides seamless Internet access with links to thousands of online resources with colourful 3D animations bringing subjects to life.

Includes Entire Text of 22 Volumes

Trade up to the World Book and get $30 cash back!

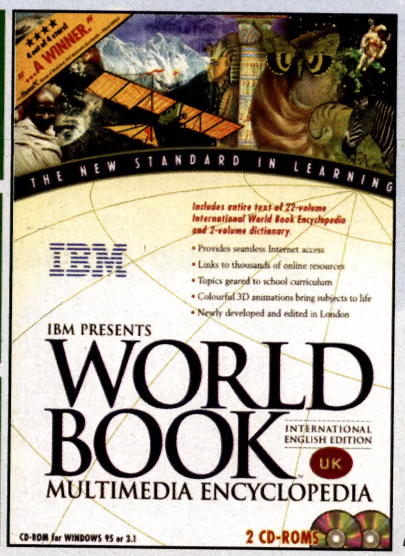
If you currently own a multimedia encyclopedia , but want the best, you can trade in your old CD od disk and get a $30 cash back on your world Book purchase. (ask for details)



Provides seamless Internet access. Links to thousands of online services. Newly Developed and edited.

Contains Over 750 maps (Including overlays of temperature, terrain and economy)

Time Frame search by year, decade, century, millennium or era



World Book contains:

- Thousands of pictures, hundreds of videos and other multimedia elements.
- 750+ maps (including overlays of temperature, terrain and economy).
- Immediate access to online content for Internet users.
- Interactive simulations to quickly understand complex concepts.
- Sticky Note, Highlighter and Outline features help organise research efforts.
- A time frame search by year, decade, century, millennium or era.
- 3D animations and virtual reality – 360 degree panoramic views, such as Stonehenge.
- 225,000-entry dictionary and a fully featured atlas.

Stock Code WLD001

$85

Designed for Microsoft Windows 95

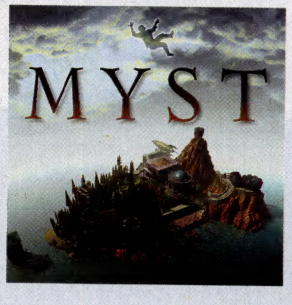
Index

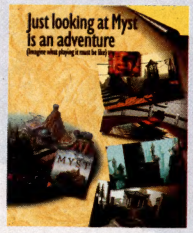
Category	Page
Product Listing	2
Introduction	3
SOFTWARE	
Microsoft	4-6
Hot Deals	7
Business	8-18
Graphics	19-25
Utilities	26-40
PERIPHERALS	
Memory	40
Networking	41-42
Multimedia	43-49
Storage	50-52
Inputs	53-54
Scanners	54-56
Printers	57-59
Modems	60-62
Early Learning	63
Leisure	64

Myst

The Surrealistic Adventure that will become your World

"A great injustice has been done...and I, Atrus, have paid the price. The books I have created lead to worlds so fantastic, they could fill a lifetime. But something has gone terribly wrong and my creations are being destroyed by someone's greed. I suspect one of my sons, either Sirrus or Achenar, but cannot be sure. I dare not write further without revealing too much. My only hope is that I can find the answer before it's too la..."





Few are chosen. Fewer succeed. Journey now to an island world surrealistically tinged with mystery...where every vibrant rock, scrap of paper and sound may hold vital clues to your unraveling a chilling tale of intrigue and injustice that defies all boundaries of time and space. Only your wits and imagination will serve to stay the course and unlock the ancient betrayal of ages past.

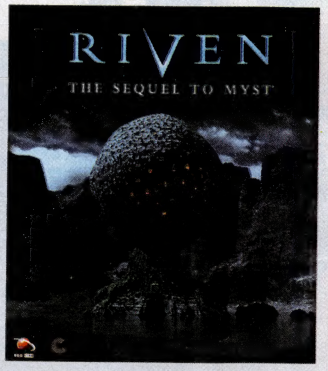
- Combine keen observation and logic to unlock the secrets of Myst
- Walk through stunning 3D photo-realistic graphics
- View incredible video and animation
- Experience a first person point of view no distracting controls or windows
- Delight in an original soundtrack and sound effects that enhance the sence of realism
- Explore eerie worlds of starkly fantastic beauty

MYS001 Myst **$45**

Riven: The Sequel to Myst

Leebro 14

"My work has continued unabated, yet the ultimate solution still eludes me. Soon I, Atrus, will need someone who can go to Riven in my stead and complete the necessary tasks– before the tremors begin again. Only then can dreadful consequences be avoided and a world saved".



The wait is nearly over. Prepare yourself for Riven, the much anticipated sequel to the all-time best-selling computer game. Timeless, unresolved conflicts await you in a world of incomparable beauty, intrigue and betrayal a world unlike any you've ever known.

"The real pleasure of Riven will be the ability to wander a magical, yet realistically rendered landscape, trying to solve vexing puzzles in order to discover more".

Features

- A whole new world and entertainment experience beyond Myst
- Deeper, more intriguing storyline
- Greater character involvement and interaction
- Puzzles more deeply integrated into storyline
- Unprecedented amount of depth and detail in graphics and animation
- Powerful sound and effects
- A much larger world to explore (estimated 4 or 5 CDs)

MYS002 Riven: The sequel to Myst **$95**

All prices INCLUDE sales tax. Prices subject to change, see page 3 for terms & conditions.

For the cost of a local call **Orderline 1300 360 799**

Sales Lines Open 9am til 6pm Monday to Friday and 10am til 3pm Saturday.

VISA MasterCard AMERICAN EXPRESS bankcard

We could tell you that GoldMine is the best workgroup contact manager... but why take our word for it?

"...GoldMine has earned our "Editors' Choice" award, so it's no surprise that the product continues to offer an impressive set of features. But GoldMine Software Corp. hasn't rested on its laurels: It has worked hard to add still more to this formidable package."— *PC Magazine "Editors' Choice" Award, August 1997*

"...GoldMine is our top pick for businesses with heavy-duty contact management and sales needs." —*Home PC "Reviewers' Choice", July 1997*

"GoldMine does all the administrative work for your salespeople, leaving them free to concentrate on what they do best: selling."
—*Sales and Field Force Automation, May 1997*

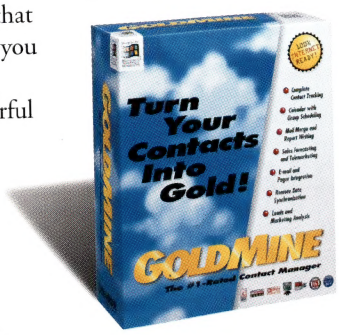
"For a comprehensive sales-oriented contact manager that helps you see the big picture, GoldMine can help and your contacts strike it rich."
–*Computer Shopper, August 1997*

"This 24-carat contact manager is a must for corporate teams that need to share client and prospect information."
—*Windows Magazine "Win100", June 1997*

How could we possibly say anything more persuasive than PC Magazine, who just gave GoldMine® their coveted "Editors' Choice" award for the fourth time running?

The reviewers will tell you that GoldMine is the #1-Rated Workgroup Contact Manager. But most of all, they'll tell you that GoldMine can improve the way you do business.

GoldMine gives you the powerful and unique tools you need for sales success. Plus, you'll gain unmatched workgroup abilities that let your team work like a well-oiled machine. You'll be able to easily share customer information, leads, strategies, calendars, Internet mail, pager messages and more.



You'll also enjoy detailed contact tracking, scheduling, sales forecasting and analysis, report writing, document management and data synchronization. You'll close more sales because GoldMine helps you effectively manage your time and fine-tune your efforts.

So if you're looking for a contact manager that "...anticipates your every move--and those of your contacts." *(PC Computing, July 1997)*, choose GoldMine.

After all, you have their word on it.

GOLDMINE®
The #1-Rated Workgroup Contact Manager

Tracker®, Maximizer™ and ACT!® users, trade up for only $139 (limited time offer)*

PC MAGAZINE EDITORS' CHOICE August 1995 GoldMine for DOS
PC MAGAZINE EDITORS' CHOICE August 1996 GoldMine 3.5a for Windows
PC MAGAZINE EDITORS' CHOICE April 22, 1996 GoldMine 3.0 for Windows 95
PC MAGAZINE EDITORS' CHOICE August 1997 GoldMine 5.2 for Windows 95/NT 4.0
PC Computing
1996 Winner MVP PC Computing
WIN 100 WINDOWS MAGAZINE 1997
EDITORS' PICK HOME OFFICE Small Business 1997

Call Tech Express Australia at: 1 800 500 081 or +61 2 9417 0011 or visit www.techexpress.com.au. For more product information or to download a FREE 60-day trial copy of GoldMine, go to www.goldminesw.com/free9.html

*Offer expires December 31, 1997, limit one per company, proof of current Tracker, Maximizer or ACT! serial number required.

© 1997 GoldMine Software Corp., 17383 Sunset Boulevard, Pacific Palisades, CA 90272, 310-454-6800. GoldMine is a registered trademark of GoldMine Software Corp.

A TIDY desk means a tidy...

organised,

efficient mind.

(Or just an overflowing creative mind

with a scanner.)

EPSON GT-9000

Now you can put that pile of ideas, images and paperwork into your PC for easy access. And the way to do it is with an EPSON high resolution scanner. Bundled with leading graphics and OCR software*, it becomes a powerful creative tool. Available for PC or Mac™, EPSON's GT-8500 and GT-9000 offer 30-bit colour registration and maximum output resolution of 3200 and 4800 dpi respectively. Perfect for even the most demanding graphics professional. And then there's the GT-5000 for scanning images photographs, and text. Ideal for home, small office and school use. Now with EPSON scanners you have the power to create.

EPSON® COLOR IMAGING EPSON

SINGLE AND THREE PASS SCANNING • SCSI AND/OR PARALLEL

Sydney (02) 9903 9000 Melbourne (03) 9685 6555 Brisbane (07) 3360 0219 Perth (08) 9480 0418 http://www.epson.com.au

*Adobe® Photoshop LE (PhotoDeluxe™ on GT-5000) and Omnipage LE. EPS 0160/R The HALE Agency